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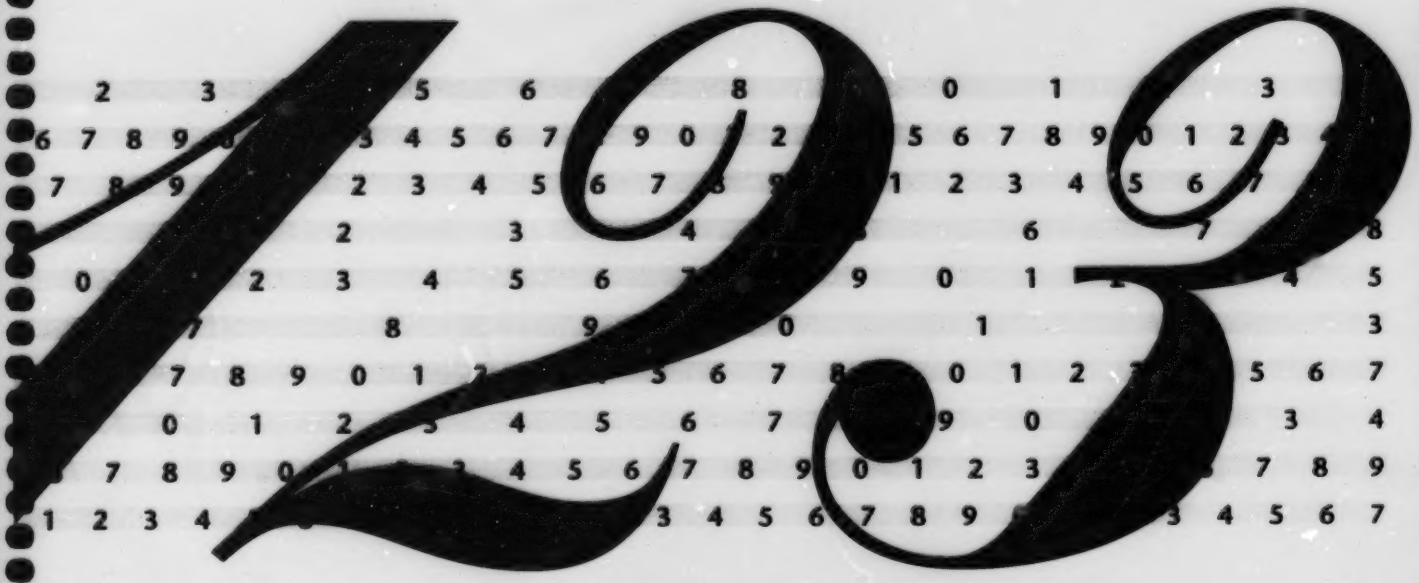
Annual Report 2001

DIVISION OF VITAL STATISTICS



Vital Statistics

British Columbia
Vital Statistics Agency

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Foreword

The British Columbia Vital Statistics Agency is pleased to present the 2001 Annual Report, the one hundred and thirtieth published since the establishment of the Division of Vital Statistics in 1872. The tables, figures, and maps in this publication are based on information collected from registrations of live births, stillbirths, deaths, and marriages, and update provisional statistics released throughout the year in the Agency's *Quarterly Digest*.

This publication contains tables, figures, and maps that summarize selected information about the health of British Columbians. The report includes a detailed glossary, defining the terms and statistical methods used in the body of the publication, a list of the Agency's recent publications, and a set of Information Boxes to supplement the standard tables.

The Agency's 2000 Annual Report was one of the first publications providing information using the tenth revision of the World Health Organization's International Classification of Diseases (ICD-10) coding scheme, implemented at the beginning of the year 2000. Where possible, this report follows a format consistent with previous annual reports that present statistics from the current year along with comparative statistics from the preceding five years. Many changes in the codes and in the rules for selection of the underlying cause of death preclude direct comparison of data in ICD-10 with data from earlier years. Extensive manual reviews using translation tables in conjunction with recoding of data from ICD-9 to ICD-10 enabled the production of trend data. This approach is unique to publications of this Agency.

The 2001 Annual Report, like previous reports, includes summary data for incorporated communities, as well as statistics for local health areas (LHA). The 2001 Annual Report also includes aggregations of data by the *New Era* service delivery model announced by the government in 2002. The tables and statistics provided in this report have become standard health status indicators that are widely used by regional and provincial health care planners and managers.

One notable change in the 2001 Annual Report is the return of the Appendix 3 Summary Statistics Tables. The organization of these tables reflects the *New Era* boundaries. The summaries are grouped by Health Authorities (HA), Health Service Delivery Areas (HSDA) and by Local Health Areas (LHA). Similar organizational changes are used in Appendix 1. This change will provide the *New Era* Health Authorities with baseline health status indicators.

Vital Statistics would like to acknowledge the many groups and individuals who ensure complete and accurate recording of vital events. Their contributions have resulted in continual improvement in the quality of vital event data.

R.J. Danderfer
CEO/Director
British Columbia Vital Statistics Agency

This annual report is also available on our website:

http://www.vs.gov.bc.ca/

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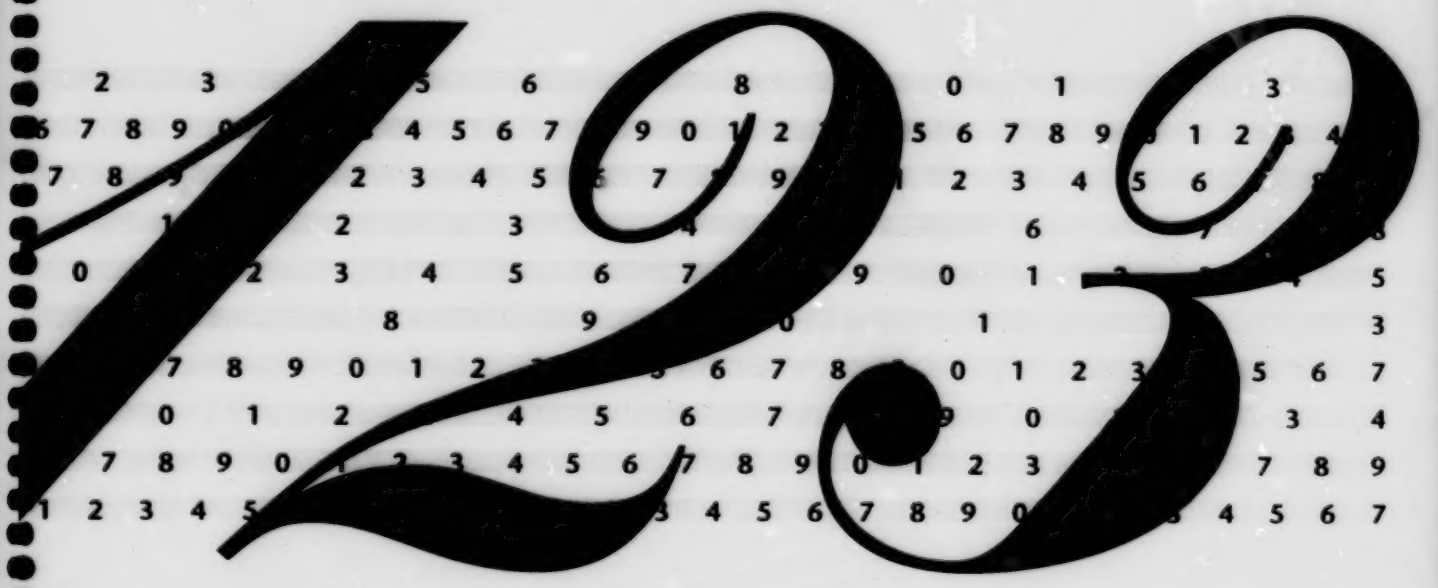
Introduction



Introduction

The Vital Statistics Agency is responsible for the ascertainment, registration, and certification of vital events through the administration of the *Vital Statistics Act*, *Marriage Act*, and *Name Act*. Statistical information contained in this report is summary data provided by the Agency for use by government agencies, health planners, researchers, and the general public. In order to maintain confidentiality, the information does not disclose personally identifiable data.

VITAL EVENT DATA

Live birth, stillbirth, and death statistics in this report summarize events that occurred in the province for British Columbia residents only, and exclude events to non-residents except where specifically noted. Statistics do not include events for British Columbia residents that occurred outside the province; Statistics Canada, in its publications, makes adjustments for events that occur to Canadians outside their province of usual residence. Marriage statistics summarize all events that occurred in the province to either residents or non-residents.

Data presented in this report are based on registrations of birth, stillbirth, death, and marriage as reported to the British Columbia Vital Statistics Agency. Registration requirements for each type of event are outlined briefly as follows:

Live Births: The *Vital Statistics Act* prescribes the legal requirements for the registration of live births. The parent(s) of the child have the responsibility to complete the Registration of Live Birth within 30 days of the event. The physician or registered midwife who was in attendance at the birth must complete a *Notice of Live Birth or Stillbirth* (NOB) form. Other requirements must be met if the birth was not attended by a physician or registered midwife.

Stillbirths: In the event of a stillbirth, the parent(s) must complete the Registration of Stillbirth. The physician or registered midwife who was in attendance at the birth must complete a *Notice of Live Birth or Stillbirth* (NOB) form. In addition, a physician or coroner is required to complete the Medical Certification of Stillbirth portion of the Registration of Stillbirth and deliver it to the funeral director who in turn submits it to the Agency.

Deaths: The physician in attendance at the last illness of the deceased person, or the coroner conducting an inquiry into the death of the person is required to complete a Medical Certification of Death. In addition, the Registration of Death is completed by the informant with assistance from the funeral home. Funeral Directors obtain the Medical Certification of Death, issue the burial permit, and submit the Medical Certification of Death and the Registration of Death documents to the Agency to complete the registration.

Marriages: The *Marriage Act* prescribes the legal qualifications of individuals to marry, the authorization of Religious Representatives and Marriage Commissioners to perform the marriage ceremony, and the solemnization of marriage. Under the *Marriage Act*, the Agency licences Religious Representatives of established religious denominations who desire the authority to solemnize marriage. The Agency recommends for appointment Marriage Licence Issuers and Marriage Commissioners to perform civil ceremonies.

Couples who meet the legal qualifications to marry must obtain a marriage licence up to 90 days before the ceremony. They can choose a civil ceremony performed by a Marriage Commissioner or a religious ceremony performed by a Religious Representative. The Registration of Marriage is completed by the officiant after the ceremony, and must be signed by the officiant, the bride and groom, and two witnesses.

MEDICAL CODING

The Notice of Live Birth or Stillbirth includes information on birth weight, gestation, and mode of delivery, as well as abnormalities of the infant and complications of pregnancy, labour, and delivery. The Medical Certification of Death and the Medical Certification of Stillbirth include information on the immediate cause of death or stillbirth, antecedent causes giving rise to the immediate cause, and other significant conditions contributing to the death or stillbirth. This information is processed by medically trained staff using the World Health Organization's International Classification of Diseases (ICD) coding scheme.

Since the early 1900s, the International Classification of Diseases has been revised regularly in order to reflect advances in medical science and changes in diagnostic terminology. The ninth revision of ICD (ICD-9) was used for medical coding of birth complications and causes of death from 1979 until 1999. Coding according to the tenth revision (ICD-10) was implemented at the beginning of the year 2000. Many changes in the codes and in the rules for selection of the underlying cause of death precluded direct comparison of data in ICD-10 with data from earlier years. Translation tables were developed, and extensive manual reviews and recoding of data from ICD-9 to ICD-10 was completed in order to be able to provide trend data in this annual report.

TIME PERIODS

This report pertains to events that occurred in the calendar year 2001. Selected tables present aggregate information for the five-year period, 1996–2000. These broader time periods permit more meaningful tests of statistical significance when analyzing data at sub-provincial levels, and can smooth out random fluctuations that occur when annual numbers are small. For regional health status profiles, readers are encouraged to refer to measures of statistical significance and use data presented for the five-year aggregates.

It should be noted that data for 1996–2000 have been updated based on ICD-10 rules. Results may differ from earlier publications due to changes in the definition of diagnosis categories. Readers should treat this report as a replacement of previous publications and avoid comparisons with tables in earlier publications.

POPULATION DATA

Population estimates for incorporated communities, local health areas, and health regions were provided by BC STATS, Ministry of Management Services. In the mortality section of this report, a 'standard population' is used in the calculation of Age Standardized Mortality Rates (ASMR) and Potential Years Of Life Lost Standardized Rates (PYLLSR). The Agency has used the 1991 Canadian Census population as the 'standard population' in the calculation of these age-standardized measures since 1998. Please refer to Standard Population in the Glossary for a more detailed description.

SPATIAL ANALYSIS AND MAPPING

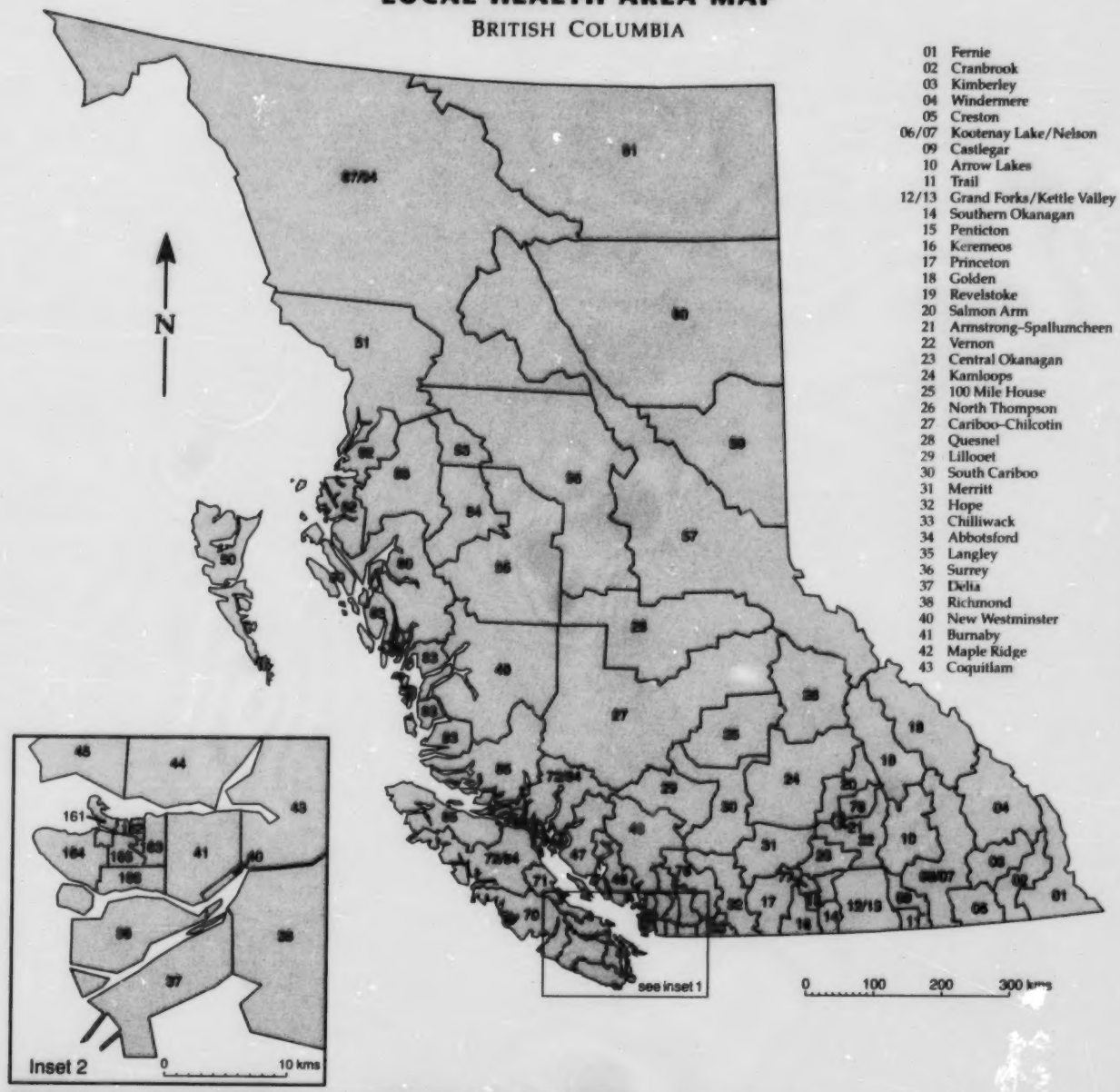
This report presents regional analyses using *New Era* data dissemination areas for the Ministries of Health (Health Authority, Health Service Delivery Area, and Local Health Area) and for incorporated communities. These recently formulated *New Era* boundaries are being introduced in this publication and are intended to give the new Health Authorities some baseline health status indicators. Vital events are allocated to these data dissemination areas by the postal codes recorded on registration documents. Marriages are assigned geographically by the postal code of the location where the marriage ceremony was performed; other vital events are assigned by the usual residence of the parents (for live births and stillbirths) or the decedent (for deaths).

The maps in this report present local health area (LHA) data ranked by quintiles and allow easy visual examination of spatial patterns. Although statistics for all LHAs are presented in the maps, emphasis should be placed on those that are statistically significant.

TERMS, METHODS, AND COMPUTATIONAL EXAMPLES

Readers are encouraged to refer to the glossary for explanations of terms and methodologies. In addition, the glossary provides examples of computations of measures and statistical tests.

FIGURE 1
LOCAL HEALTH AREA MAP
BRITISH COLUMBIA



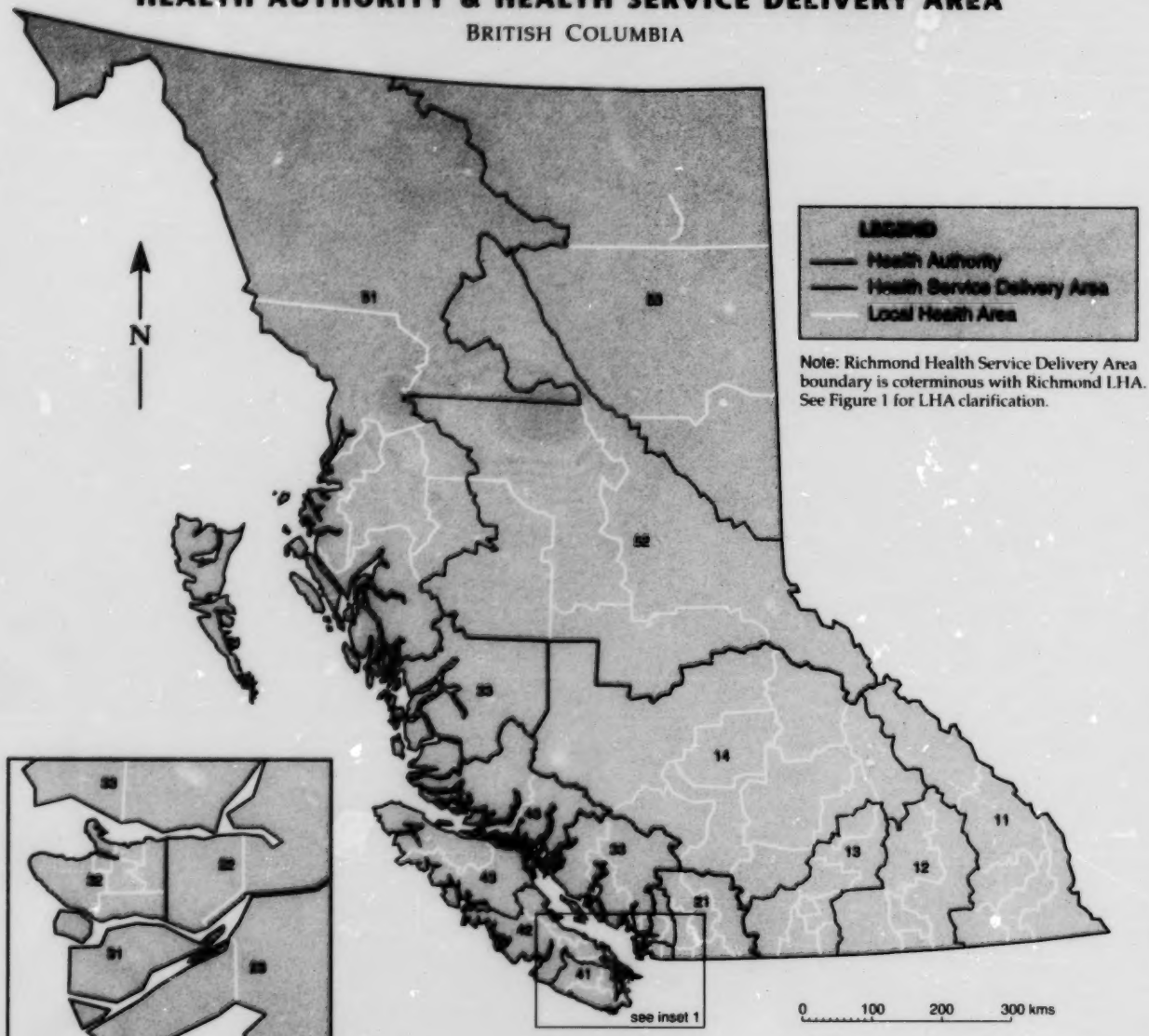
01 Fernie
02 Cranbrook
03 Kimberley
04 Windermere
05 Creston
06/07 Kootenay Lake/Nelson
09 Castlegar
10 Arrow Lakes
11 Trail
12/13 Grand Forks/Kettle Valley
14 Southern Okanagan
15 Penticton
16 Keremeos
17 Princeton
18 Golden
19 Revelstoke
20 Salmon Arm
21 Armstrong–Spallumcheen
22 Vernon
23 Central Okanagan
24 Kamloops
25 100 Mile House
26 North Thompson
27 Cariboo–Chilcotin
28 Quesnel
29 Lillooet
30 South Cariboo
31 Merritt
32 Hope
33 Chilliwack
34 Abbotsford
35 Langley
36 Surrey
37 Delta
38 Richmond
40 New Westminster
41 Burnaby
42 Maple Ridge
43 Coquitlam

44 North Vancouver
45 West Vancouver/Bowen Is.
46 Sunshine Coast
47 Powell River
48 Howe Sound
49 Bella Coola Valley
50 Queen Charlotte
51 Snow Country
52 Prince Rupert
53 Upper Skeena
54 Smithers
55 Burns Lake (incl. Eutsuk)
56 Nechako
57 Prince George
59 Peace River South
60 Peace River North
61 Greater Victoria
62 Sooke
63 Saanich
64 Gulf Islands
65 Cowichan
66 Lake Cowichan
67 Ladysmith
68 Nanaimo
69 Qualicum
70 Alberni
71 Courtenay
72/84 Campbell River/ Vancouver Isl. West
75 Mission
76 Agassiz–Harrison
77 Summerland
78 Enderby
80 Kitimat
81 Fort Nelson
83 Central Coast
85 Vancouver Island North
87/94 Stikine/Telegraph Creek
88 Terrace
92 Nisga'a
161 Vancouver City Centre
162 Vancouver Downtown East Side
163 Vancouver North East
164 Vancouver West Side
165 Vancouver Midtown
166 Vancouver South

FIGURE 2

HEALTH AUTHORITY & HEALTH SERVICE DELIVERY AREA

BRITISH COLUMBIA



Health Authority	Health Service Delivery Area
01 Interior	11 East Kootenay
	12 Kootenay Boundary
	13 Okanagan
	14 Thompson Cariboo
02 Fraser	21 Fraser Valley
	22 Simon Fraser
	23 South Fraser
03 Vancouver Coastal	31 Richmond
	32 Vancouver
	33 North Shore/Coast Garibaldi
04 Vancouver Island	41 South Vancouver Island
	42 Central Vancouver Island
	43 North Vancouver Island
05 Northern	51 Northwest
	52 Northern Interior
	53 Northeast
06 Provincial Health Services Authority	

Vital Events - related Statistics

On a Typical Day in British Columbia in 2001

111 LIVE BIRTHS OCCURRED IN THE PROVINCE TO B.C. RESIDENTS:

- 57 males and 54 females were born
- 56 live births involved maternal complications
- 37 babies had perinatal complications
- 29 were cesarean deliveries
- 7 were pre-term
- 6 were low birth weight babies
- 5 were born to teenage mother
- 22 were born to mothers 35+ years old
- 3 were multiple births
- 8 stillbirths every 10 days

77 DEATHS OCCURRED IN THE PROVINCE TO B.C. RESIDENTS:

- 40 males and 37 females died
- 27 deaths were due to diseases of the circulatory system including:
  - 19 from cardiovascular disease
  - 6 from cerebrovascular disease
- 21 deaths were due to cancer including:
  - 5 lung cancer
  - 2 colorectal cancer
  - 16 female breast cancer every 10 days
  - 15 prostate cancer every 10 days
- 16 deaths were attributable to tobacco smoking
- 8 deaths were due to diseases of the respiratory system including:
  - 3 from pneumonia/influenza
  - 3 from chronic lung disease
- 4 deaths resulted from accidents and violence including:
  - 1 suicide
  - 1 motor vehicle accident
  - 1 homicide every 10 days
- 5 deaths were alcohol-related, 1 directly and 4 indirectly due to alcohol
- 1 death was drug-induced
- 2 deaths were due to diabetes
- 2 deaths were due to Alzheimer's disease
- 1 death was due to to vascular/senile dementia
- 3 deaths every 10 days were from HIV disease
- 4 infant deaths every 10 days

56 MARRIAGES WERE SOLEMNIZED IN B.C.:

- 32 were civil ceremonies and 24 were performed by religious representatives
- 35 marriages were to couples where both parties were marrying for the first time
- 2 marriages every 10 days were to couples where both parties were teenagers

Summary

Summary statistics are presented in this section. Historical information allows readers to examine the changes in annual live birth, stillbirth, death, and marriage rates. Tables and graphs show trends in natural population growth, total fertility, infant mortality, and age of bride and groom. Information on vital events by month is also provided.

Since 1950, as the population of British Columbia tripled, demographic and social changes had significant impacts on vital events. Provincial rates for marriages, fertility, live births and stillbirths fell to about half the rates seen in 1950, while mortality rates declined by nearly a third. The most striking change was a dramatic decline in infant mortality.

- In 2001, there were 40,376 live births in the province to B.C. residents. The number of live births decreased by 118 births from 40,494 in 2000. The birth rate, 9.9 live births per 1,000 population, was the lowest birth rate to date.
- There were 28,164 deaths of British Columbia residents in the province in 2001, up 3.2% from the previous year (27,300). The 2001 crude death rate was 6.9 deaths per 1,000 population.
- A total of 20,554 marriages were solemnized in the province in 2001. This number represents a seven percent reduction from the 22,094 marriages in 2000. The marriage rate has shown a downward trend from 9.0 marriages per 1,000 population in 1980 to 5.0 in 2001.
- There were 281 stillbirths to B.C. residents in 2001, the same number as in 2000. The stillbirth rate was 6.9 per 1,000 total births (live births and stillbirths) in 2001.
- In 2001, the 40,376 births and 28,164 deaths in the province produced a rate of natural population growth of 3.0 per 1,000 population. The 2001 rate of natural population growth for B.C. was the lowest since 1950.
- Based on the Total Fertility Rate, the average woman in 2001 would have 1.4 live births in her lifetime. This has been the same fertility rate for the past four years. This is a significant decrease from the peak in 1959, when the average woman would have had nearly 4.0 live births in her child bearing years.
- In 2001, there were 159 infant deaths (age at death less than one year) in the province, for an infant mortality rate of 3.9 per 1,000 live births. In the last eight years, there has been a fairly steady decrease in both the number of infant deaths and the infant mortality rate.
- The average ages of brides and grooms have climbed steadily since 1977. In 2001, the average age of all brides was 32.2 years old, while grooms were 35.0 years old.

TABLE 1
LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS
BRITISH COLUMBIA, 1950–2001

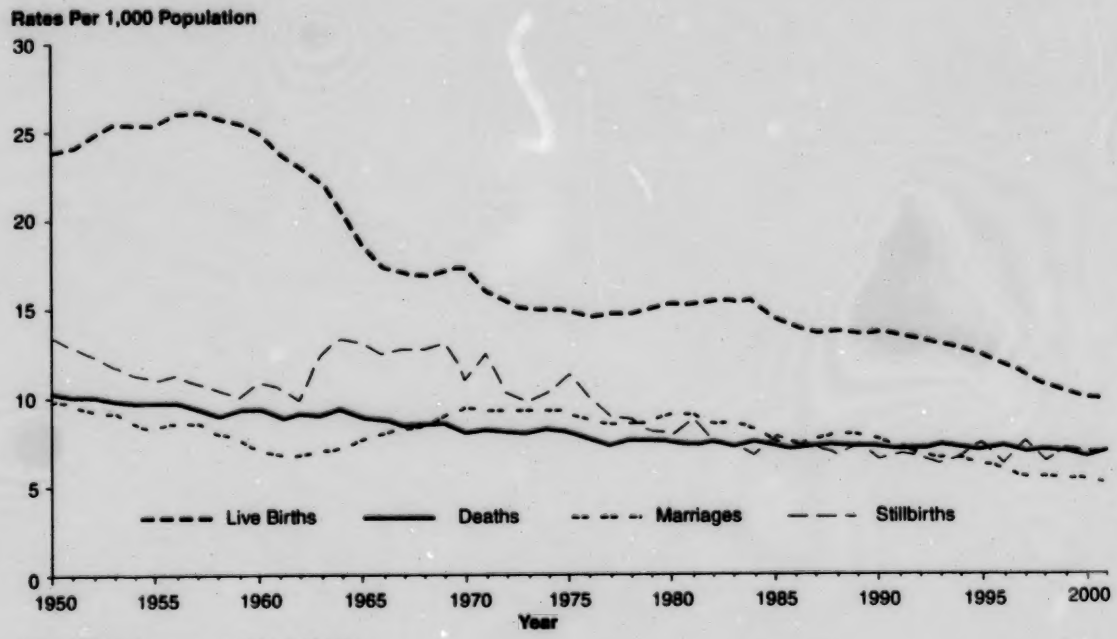
Year	Mid-year Population	Live Births		Deaths		Marriages		Stillbirths	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	1,137,000	27,116	23.8	11,581	10.2	11,110	9.8	369	13.4
1951	1,165,210	28,077	24.1	11,638	10.0	11,272	9.7	365	12.8
1952	1,205,000	29,827	24.8	12,080	10.0	11,081	9.2	375	12.4
1953	1,248,000	31,746	25.4	12,218	9.8	11,298	9.1	375	11.7
1954	1,295,000	32,946	25.4	12,414	9.6	10,991	8.5	373	11.2
1955	1,342,000	34,138	25.4	12,816	9.5	11,011	8.2	381	11.0
1956	1,398,464	36,241	25.9	13,415	9.6	11,950	8.5	413	11.3
1957	1,482,000	38,744	26.1	13,711	9.3	12,620	8.5	422	10.8
1958	1,538,000	39,577	25.7	13,741	8.9	12,094	7.9	414	10.4
1959	1,567,000	39,971	25.5	14,336	9.1	11,910	7.6	404	10.0
1960	1,602,000	40,116	25.0	14,696	9.2	11,203	7.0	437	10.8
1961	1,629,100	38,591	23.7	14,403	8.8	10,935	6.7	410	10.5
1962	1,660,000	38,128	23.0	14,912	9.0	11,196	6.7	377	9.8
1963	1,699,000	37,478	22.1	15,029	8.9	11,677	6.9	476	12.5
1964	1,745,000	35,897	20.6	16,051	9.2	12,158	7.0	485	13.3
1965	1,797,000	33,669	18.7	15,784	8.8	13,639	7.6	447	13.1
1966	1,873,674	32,502	17.3	16,290	8.7	14,682	7.8	409	12.4
1967	1,945,000	32,899	16.9	16,170	8.3	16,026	8.2	422	12.7
1968	2,003,000	33,687	16.8	16,828	8.4	16,914	8.4	433	12.7
1969	2,060,000	35,383	17.2	17,377	8.4	18,284	8.9	468	13.1
1970	2,128,000	36,861	17.3	17,020	8.0	20,020	9.4	407	10.9
1971	2,184,620	34,852	16.0	17,783	8.1	20,389	9.3	442	12.5
1972	2,241,400	34,563	15.4	18,021	8.0	20,659	9.2	356	10.2
1973	2,302,400	34,352	14.9	18,095	7.9	21,303	9.3	339	9.8
1974	2,375,700	35,450	14.9	19,177	8.1	21,734	9.1	364	10.2
1975	2,433,200	36,281	14.9	19,151	7.9	21,824	9.0	414	11.3
1976	2,466,610	35,848	14.5	18,788	7.6	21,536	8.7	361	10.0
1977	2,493,800	36,691	14.7	18,021	7.2	21,156	8.5	330	8.9
1978	2,530,100	37,231	14.7	19,057	7.5	21,388	8.5	331	8.8
1979	2,571,200	38,432	14.9	19,204	7.5	22,087	8.6	313	8.1
1980	2,640,100	40,104	15.2	19,371	7.3	23,830	9.0	316	7.8
1981	2,744,470	41,679	15.2	19,857	7.2	24,694	9.0	371	8.8
1982	2,787,700	42,942	15.4	20,704	7.4	23,831	8.5	317	7.3
1983	2,813,800	43,047	15.3	19,895	7.1	23,692	8.4	310	7.1
1984	2,847,700	44,040	15.5	20,781	7.3	23,394	8.2	303	6.8
1985	2,990,000	42,989	14.4	21,131	7.1	22,270	7.4	333	7.7
1986	3,020,400	41,845	13.9	21,006	7.0	21,819	7.2	309	7.3
1987	3,064,600	41,655	13.6	21,619	7.1	23,377	7.6	297	7.1
1988	3,128,200	42,913	13.7	22,361	7.1	24,469	7.8	292	6.8
1989	3,209,200	43,585	13.6	22,780	7.1	25,154	7.8	319	7.3
1990	3,300,100	45,333	13.7	23,398	7.1	25,185	7.6	292	6.4
1991	3,379,800	45,308	13.4	23,794	7.0	23,648	7.0	306	6.7
1992	3,476,868	46,048	13.2	24,445	7.0	23,756	6.8	301	6.5
1993	3,571,524	45,931	12.9	25,601	7.2	23,473	6.6	286	6.2
1994	3,681,750	46,850	12.7	25,824	7.0	23,763	6.5	312	6.6
1995	3,784,008	46,702	12.3	26,221	6.9	23,629	6.2	350	7.4
1996	3,882,043	45,955	11.8	27,388	7.1	22,882	5.9	292	6.3
1997	3,959,698	44,399	11.2	27,260	6.9	21,881	5.5	335	7.5
1998	3,997,087	42,865	10.7	27,806	7.0	21,771	5.5	278	6.4
1999	4,028,072	41,743	10.4	27,859	6.9	21,625	5.4	294	7.0
2000	4,058,833	40,494	10.0	27,300	6.7	22,094	5.4	281	6.9
2001	4,095,934	40,376	9.9	28,164	6.9	20,554	5.0	281	6.9

Note: Rates for live births, deaths and marriages are crude rates per 1,000 population.
Stillbirth rates are per 1,000 total births (live births plus stillbirths).
The definition of a stillbirth was revised in 1963 and 1986 (see Glossary).
Population information from BC STATS. Ministry of Management Services.
Above information includes late registrations and amendments.
Gender unknown included. Non-residents are excluded from all data except marriages.

FIGURE 3

CRUDE RATES OF LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS

BRITISH COLUMBIA, 1950–2001



Note: Stillbirth rate per 1,000 total births.

HIGHLIGHTS TO TABLE 1/FIGURE 3

Since 1950, as the population of British Columbia tripled, demographic and social changes had significant impacts on vital events. Provincial rates for live births, stillbirths, and marriages in 2001 fell to about half the rates seen in 1950, while mortality rates declined by nearly a third.

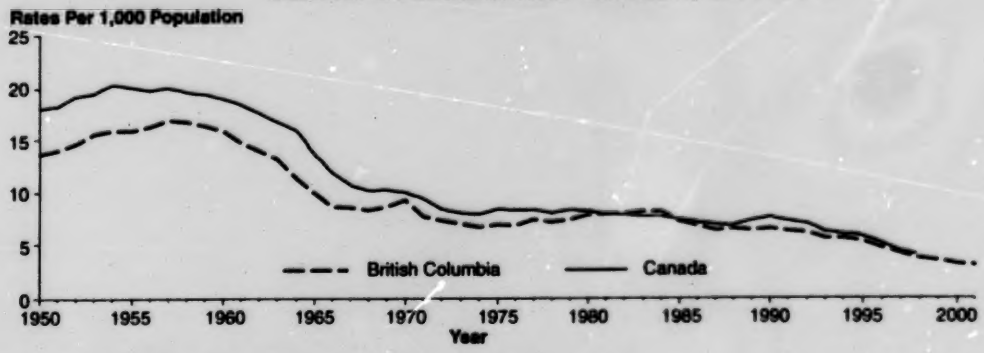
- In 2001, there were 40,376 live births in the province to B.C. residents. The number of live births decreased by 118 births from 40,494 in 2000. The birth rate, 9.9 live births per 1,000 population, was the lowest birth rate to date.
- There were 28,164 deaths of British Columbia residents in the province in 2001, up 3.2% from the previous year (27,300). The 2001 crude death rate was 6.9 deaths per 1,000 population.
- A total of 20,554 marriages were solemnized in the province in 2001. This number represents a seven percent reduction from the 22,094 marriages in 2000. The marriage rate has shown a downward trend from 9.0 marriages per 1,000 population in 1980 to 5.0 in 2001. This latest year was the sixth year in a row that there were fewer than 6.0 marriages per 1,000 population. Marriage statistics in this publication include all marriages that took place in the province, including those where one or both parties were non-B.C. residents.
- There were 281 stillbirths to B.C. residents in 2001, the same number as in 2000. The stillbirth rate was 6.9 per 1,000 total births (live births and stillbirths) in 2001. Stillbirth rates have fluctuated between 6.2 and 7.5 in the last decade.

TABLE 2
TRENDS OF NATURAL POPULATION INCREASES
BRITISH COLUMBIA AND CANADA, 1950–2001

Year	Rate B.C.	Rate Canada	Year	Rate B.C.	Rate Canada
1950	13.7	18.0	1976	6.9	8.4
1951	14.1	18.2	1977	7.5	8.4
1952	14.7	19.2	1978	7.2	8.1
1953	15.6	19.5	1979	7.5	8.4
1954	15.9	20.3	1980	7.9	8.3
1955	15.9	20.0	1981	8.0	8.0
1956	16.3	19.8	1982	8.0	7.9
1957	16.9	20.0	1983	8.2	7.8
1958	16.8	19.6	1984	8.2	7.8
1959	16.4	19.4	1985	7.3	7.5
1960	15.9	19.0	1986	6.9	7.2
1961	14.8	18.4	1987	6.5	7.0
1962	14.0	17.6	1988	6.6	7.0
1963	13.2	16.8	1989	6.5	7.4
1964	11.4	15.9	1990	6.6	7.7
1965	10.0	13.7	1991	6.4	7.4
1966	8.7	11.9	1992	6.2	7.1
1967	8.6	10.8	1993	5.7	6.4
1968	8.4	10.2	1994	5.7	6.1
1969	8.7	10.3	1995	5.4	5.7
1970	9.3	10.1	1996	4.8	5.2
1971	7.8	9.5	1997	4.3	4.4
1972	7.4	8.5	1998	3.8	4.1
1973	7.1	8.1	1999	3.5	3.8
1974	6.8	8.0	2000	3.2	*
1975	7.0	8.5	2001	3.0	*

Note: Rates of natural population increase per 1,000 population. Canadian rates from Statistics Canada. *Rates were not available. Non-residents are excluded.

FIGURE 4
TRENDS OF NATURAL POPULATION INCREASES
BRITISH COLUMBIA AND CANADA, 1950–2001



Note: 1999, 2000 and 2001 rates for Canada were not available.

HIGHLIGHTS TO TABLE 2/FIGURE 4

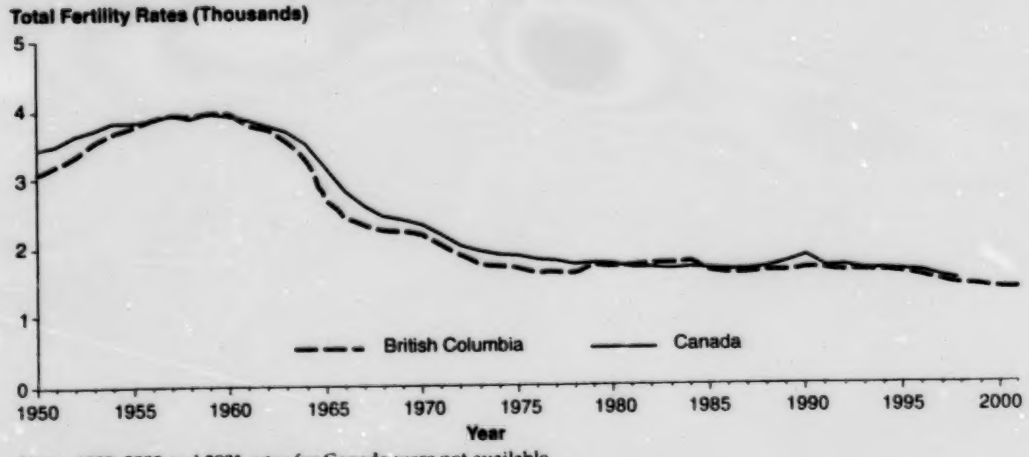
- In 2001, the 40,376 births and 28,164 deaths in the province produced a rate of natural population growth of 3.0 per 1,000 population. Immigration and emigration are not included in natural population growth rates.
- The pattern of natural population growth rates over the last five decades follows trends seen in the provincial birth rates. After high rates in the 1950s, natural population growth rates decreased rapidly in the 1960s as birth and death rates both declined. Since the mid 1980s, the small but steady decline in the natural population growth rate resulted from declining birth rates and relatively stable death rates. The 2001 natural population growth rate for B.C. was the lowest since 1950, and the fourth year in a row with a rate below 4.0 per 1,000 population.
- Except for four years from 1981 to 1984, the B.C. rate of natural population growth has been consistently below the Canadian rate each year.

TABLE 3
TRENDS OF TOTAL FERTILITY RATES
BRITISH COLUMBIA AND CANADA, 1950–2001

Year	Rate B.C.	Rate Canada	Year	Rate B.C.	Rate Canada
1950	3,074	3,455	1976	1,618	1,820
1951	3,201	3,503	1977	1,636	1,801
1952	3,327	3,641	1978	1,620	1,751
1953	3,542	3,721	1979	1,721	1,757
1954	3,656	3,822	1980	1,716	1,738
1955	3,748	3,823	1981	1,718	1,699
1956	3,875	3,853	1982	1,749	1,687
1957	3,921	3,923	1983	1,751	1,675
1958	3,900	3,881	1984	1,781	1,684
1959	3,958	3,941	1985	1,642	1,673
1960	3,949	3,904	1986	1,602	1,662
1961	3,785	3,852	1987	1,598	1,647
1962	3,709	3,769	1988	1,636	1,692
1963	3,564	3,683	1989	1,638	1,768
1964	3,284	3,515	1990	1,673	1,863
1965	2,710	3,157	1991	1,653	1,699
1966	2,442	2,821	1992	1,642	1,710
1967	2,307	2,601	1993	1,636	1,658
1968	2,228	2,459	1994	1,638	1,663
1969	2,223	2,409	1995	1,604	1,639
1970	2,185	2,336	1996	1,540	1,624
1971	1,994	2,188	1997	1,473	1,552
1972	1,890	2,025	1998	1,437	1,539
1973	1,751	1,939	1999	1,409	1,527
1974	1,735	1,887	2000	1,380	*
1975	1,682	1,871	2001	1,373	*

Note: Total Fertility Rate – Sum of age-specific fertility rates multiplied by the number of years in each age group (see Glossary for definition). Canadian rates from Statistics Canada.
B.C. rates per 1,000 women age 15 to 44. Canadian rates per 1,000 women age 15 to 49.
+Estimate. *Rates were not available. Non-residents are excluded.

FIGURE 5
TRENDS OF TOTAL FERTILITY RATES
BRITISH COLUMBIA AND CANADA, 1950–2001



Note: 1999, 2000 and 2001 rates for Canada were not available.

HIGHLIGHTS TO TABLE 3/FIGURE 5

- In 2001, the Total Fertility Rate (TFR) for B.C. was 1,373 births per 1,000 women of child bearing age (15 to 44 years of age).
- Based on the Total Fertility Rate, the average woman in 2001 would have 1.4 live births in her lifetime. This has been the same fertility rate for the past four years. This is a significant decrease from the peak in 1959, when the average woman would have had nearly 4.0 live births in her child bearing years.

TABLE 4
TRENDS OF INFANT MORTALITY
BRITISH COLUMBIA AND CANADA, 1965–2001

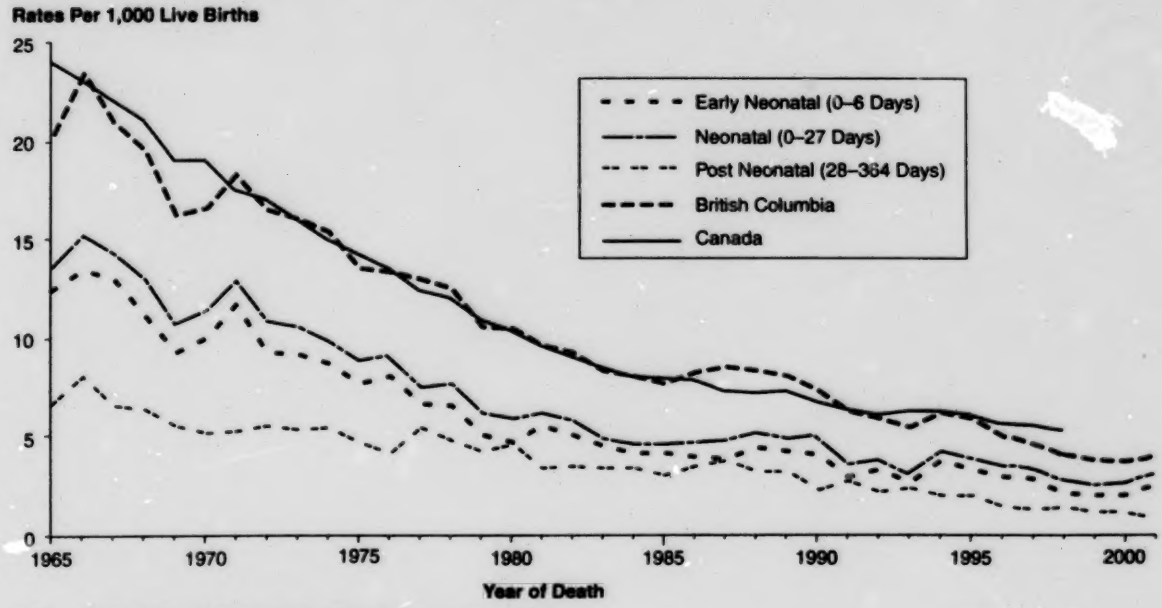
Year	British Columbia Age at Death (in Days)									Canada
	0–6 Days		0–27 Days		28–364 Days		N.S.	Total		
	Number	Rate	Number	Rate	Number	Rate		Number	Rate	Rate
1965	415	12.3	453	13.5	227	6.7	3	683	20.3	24.0
1966	435	13.4	494	15.2	263	8.1	4	761	23.4	23.1
1967	429	13.0	470	14.3	218	6.6	1	689	20.9	22.0
1968	375	11.1	438	13.0	214	6.4	4	656	19.5	21.0
1969	329	9.3	374	10.6	199	5.6	–	573	16.2	19.0
1970	369	10.0	416	11.3	193	5.2	2	611	16.6	19.0
1971	409	11.7	450	12.9	185	5.3	–	635	18.2	17.5
1972	322	9.3	373	10.8	195	5.6	1	569	16.5	17.0
1973	317	9.2	363	10.6	185	5.4	3	551	16.0	16.0
1974	310	8.7	348	9.8	196	5.5	2	546	15.4	15.0
1975	278	7.7	321	8.8	169	4.7	1	491	13.5	14.3
1976	292	8.1	324	9.0	152	4.2	2	478	13.3	13.5
1977	246	6.7	276	7.5	200	5.5	–	476	13.0	12.4
1978	245	6.6	286	7.7	178	4.8	–	464	12.5	12.0
1979	196	5.1	239	6.2	167	4.3	–	406	10.6	10.9
1980	188	4.7	235	5.9	186	4.6	–	421	10.5	10.4
1981	232	5.6	259	6.2	140	3.4	3	402	9.6	9.6
1982	217	5.1	251	5.8	150	3.5	–	401	9.3	9.1
1983	193	4.5	212	4.9	145	3.4	2	359	8.3	8.5
1984	184	4.2	205	4.6	150	3.4	1	356	8.1	8.1
1985	180	4.2	198	4.6	133	3.1	–	331	7.7	8.0
1986	166	4.0	196	4.7	147	3.5	–	343	8.2	7.9
1987	162	3.9	197	4.7	156	3.7	–	353	8.5	7.3
1988	190	4.4	219	5.1	137	3.2	–	356	8.3	7.2
1989	186	4.3	215	4.9	138	3.2	–	353	8.1	7.3
1990	187	4.1	225	5.0	106	2.3	–	331	7.3	6.8
1991	137	3.0	161	3.6	126	2.8	–	287	6.3	6.4
1992	152	3.3	174	3.8	101	2.2	–	275	6.0	6.1
1993	122	2.7	139	3.0	111	2.4	–	250	5.4	6.3
1994	176	3.8	198	4.2	90	1.9	–	288	6.1	6.3
1995	158	3.4	181	3.9	94	2.0	–	275	5.9	6.1
1996	133	2.9	160	3.5	68	1.5	–	228	5.0	5.6
1997	125	2.8	146	3.3	56	1.3	–	202	4.5	5.5
1998	94	2.2	114	2.7	60	1.4	–	174	4.1	5.3
1999	84	2.0	107	2.6	51	1.2	–	158	3.8	5.3
2000	82	2.0	104	2.6	45	1.1	–	149	3.7	*
2001	99	2.5	123	3.0	36	0.9	–	159	3.9	*

Note: Rates per 1,000 live births in the specified year.
N.S. – Not stated.
Above information includes late registrations and amendments.
Canadian rates from Statistics Canada.
*Rates were not available.
Non-residents are excluded.

FIGURE 6

TRENDS OF INFANT MORTALITY

BRITISH COLUMBIA AND CANADA, 1965–2001



Note: 1999, 2000 and 2001 rates for Canada were not available.
Non-residents are excluded.

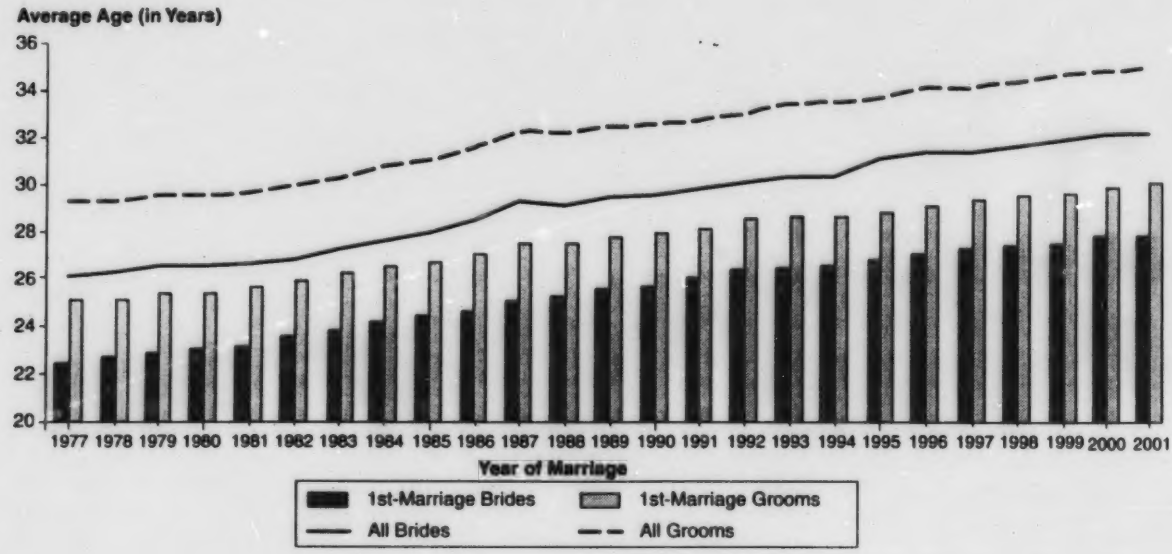
HIGHLIGHTS TO TABLE 4/FIGURE 6

- In 2001, there were 159 infant deaths (age at death less than one year) in the province, for an infant mortality rate of 3.9 per 1,000 live births. This is a slight increase from 149 infant deaths and an infant mortality rate of 3.7 per 1,000 live births in 2000. In the last eight years, there has been a fairly steady decrease in both the number of infant deaths and the infant mortality rate.
- Since 1991, the B.C. infant mortality rate has been consistently below the Canadian rate.
- Out of the 159 infant deaths in 2001:
  - 99 were in the early neonatal period (age at death less than 7 days)
  - 24 died between 7 and 27 days after birth
  - 36 were in the post-neonatal period (age at death 28–364 days).
- Infant mortality rates in B.C. have fallen dramatically to almost one fifth of the rates seen in 1965. Decreases in early neonatal mortality (age at death less than seven days) and neonatal mortality (age at death less than 28 days) have been major contributors to the overall decline in infant mortality rates over this time period. In Canada infant mortality rates have fallen to approximately one fifth of the rates seen in 1965.
- Perinatal mortality refers to fetal deaths (stillbirths) and early neonatal deaths (age at death less than 7 days). Since the causes of stillbirths and early neonatal deaths are often similar, the perinatal mortality rate is used as a health status measure.
- Post neonatal deaths decreased from 94 in 1995 to 36 in 2001 and the post neonatal mortality rate declined from 2.0 to 0.9 deaths per 1,000 live births. The 2001 post neonatal statistic was the lowest ever recorded in British Columbia.

TABLE 5
TRENDS IN AGE OF BRIDE AND GROOM
BRITISH COLUMBIA, 1977–2001

Year of Marriage	Average Age (in Years)			
	First Marriage		All Marriages	
	Bride	Groom	Bride	Groom
1977	22.5	25.2	26.2	29.3
1978	22.7	25.2	26.3	29.3
1979	22.9	25.5	26.6	29.6
1980	23.1	25.5	26.6	29.6
1981	23.2	25.7	26.7	29.7
1982	23.6	26.0	26.9	30.0
1983	23.9	26.3	27.3	30.3
1984	24.2	26.6	27.7	30.8
1985	24.5	26.8	28.0	31.1
1986	24.7	27.1	28.5	31.6
1987	25.1	27.6	29.3	32.3
1988	25.3	27.6	29.2	32.2
1989	25.6	27.8	29.5	32.5
1990	25.7	28.0	29.6	32.6
1991	26.1	28.2	29.9	32.8
1992	26.4	28.6	30.1	33.0
1993	26.5	29.0	30.4	33.4
1994	26.6	28.9	30.4	33.5
1995	26.8	29.1	31.1	33.6
1996	27.2	29.2	31.4	34.1
1997	27.3	29.4	31.3	34.1
1998	27.5	29.6	31.6	34.4
1999	27.7	29.8	31.8	34.7
2000	27.9	30.0	32.1	34.8
2001	27.9	30.1	32.2	35.0

FIGURE 7
TRENDS IN AGE OF BRIDE AND GROOM
BRITISH COLUMBIA, 1977–2001



HIGHLIGHTS TO TABLE 5/FIGURE 7

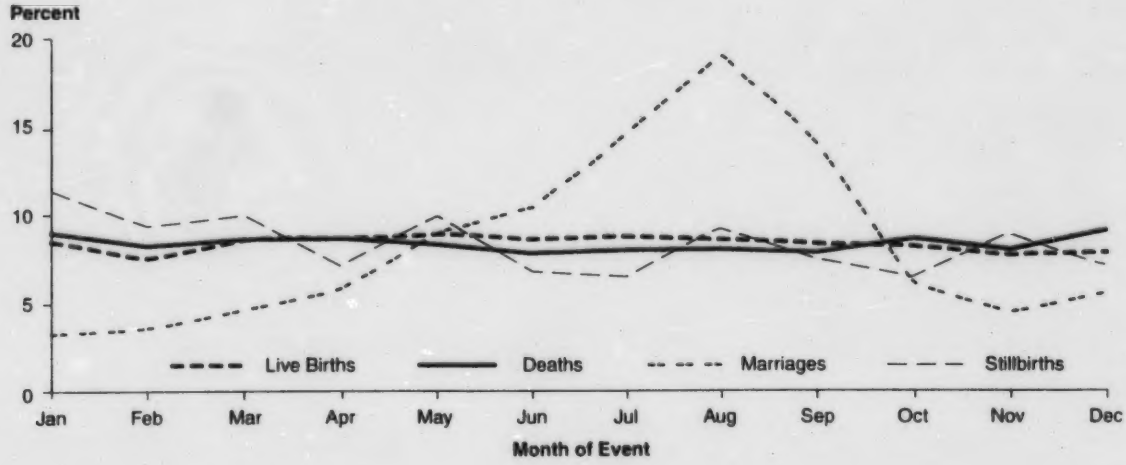
- In 2001, the average age of first marriage brides was 27.9 years old, while first marriage grooms were, on average, 30.1 years old.
- In recent decades, there has been a steady increase in the average age of first marriages. First marriage brides in 2001 were 5.4 years older than first marriage brides in 1977, while first marriage grooms were 4.9 years older than first marriage grooms in 1977.
- The average ages of brides and grooms, for first and later marriages combined, have climbed steadily since 1977. In 2001, the average age of all brides was 32.2 years old, while grooms were 35.0 years old.

TABLE 6
LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS BY MONTH
BRITISH COLUMBIA, 2001

Month	Live Births		Deaths		Marriages		Stillbirths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	3,436	8.5	2,544	9.0	657	3.2	32	11.4
February	3,009	7.5	2,308	8.2	728	3.5	26	9.3
March	3,441	8.5	2,424	8.6	936	4.6	28	10.0
April	3,481	8.6	2,415	8.6	1,179	5.7	20	7.1
May	3,587	8.9	2,347	8.3	1,825	8.9	28	10.0
June	3,480	8.6	2,211	7.9	2,144	10.4	19	6.8
July	3,530	8.7	2,253	8.0	2,979	14.5	18	6.4
August	3,488	8.6	2,262	8.0	3,931	19.1	26	9.3
September	3,372	8.4	2,217	7.9	2,892	14.1	21	7.5
October	3,286	8.1	2,434	8.6	1,253	6.1	18	6.4
November	3,095	7.7	2,251	8.0	908	4.4	25	8.9
December	3,171	7.9	2,498	8.9	1,122	5.5	20	7.1
Total residents	40,376	100.0	28,164	100.0	20,554	100.0	281	100.0
Non-residents	156		284				1	
TOTAL	**40,532**		**28,448**		**20,554**		**282**	

Note: Total percentage may not add up to 100 due to rounding.
*Marriage counts by month are based on event place and include non-residents.

FIGURE 8
LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS BY MONTH
BRITISH COLUMBIA, 2001



HIGHLIGHTS TO TABLE 6/FIGURE 8

- Of vital events in the province, only marriages show a seasonal distribution. In 2001, the most popular month to marry was August, with almost one fifth (19.1%) of the year's total marriages. The summer months, from May to September, were chosen by two thirds (67.0%) of 2001's brides and grooms. January was the least popular month for marriages in 2001.
- Live births were generally evenly distributed over the twelve months in 2001. May had the largest number of live births, while February had the lowest number.
- The highest number of deaths in 2001 occurred in January and the lowest numbers occurred in June.
- In 2001, the largest number of stillbirths was in January.

Birth-related Statistics

Most Chosen First Names for Babies in 2001

Each year a brochure listing all the given names that were chosen for five or more newborns is produced by the B.C. Vital Statistics Agency. Among the names chosen for five or more newborns, there were 560 different boys' names and 624 girls' names.

Over the past several years there has been a growing trend for alternate spellings of names. For a complete listing of all names and variants that were used five or more times please visit the Agency's website at: http://www.vs.gov.bc.ca/babynames/index.html.

	Baby Boys		Baby Girls	
Rank	Name	Number	Name	Number
1	Matthew	320	Emily	310
2	Joshua	293	Emma	237
3	Ethan	289	Sarah	214
4	Jacob	287	Hannah	231
5	Ryan	245	Madison	196
6	Nicholas	237	Jessica	181
7	Alexander	215	Olivia	178
8	Liam	214	Samantha	154
9	Michael	209	Megan	140
10	Benjamin	198	Taylor	136
11	Tyler	190	Ashley	135
12	Dylan	185	Grace	126
13	Nathan	179	Lauren	126
14	Justin	176	Rachel	125
15	Daniel	173	Nicole	123
16	Jordan	172	Mackenzie	115
17	Brandon	168	Julia	112
18	Andrew	167	Jenna	110
19	William	159	Alexandra	106
20	Logan	157	Sydney	106
21	Samuel	147	Hailey	104
22	Christopher	145	Sophia	96
23	James	145	Isabella	95
24	Noah	144	Chloe	94
25	Zachary	141	Kaitlyn	94
26	Connor	136	Alyssa	92
27	Kyle	133	Elizabeth	92
28	Cameron	128	Anna	91
29	Adam	127	Jasmine	89
30	Cole	126	Abigail	86

Summary

Statistics arising from birth events in British Columbia are presented in this section. These events are assigned to a Local Health Area (LHA) based on the usual residence of the mother. Information is included on birth weights, gestational ages, modes of delivery, maternal and paternal ages, birth orders, kinds of birth, complications of pregnancy and delivery, and complications in the perinatal period. Maps depicting variations in rates or ratios by LHA accompany several tables.

Statistics on birth events for 2001 are summarized below:

- There were 40,376 live births and 281 stillbirths in the province to B.C. residents. The live birth rate was 9.86 per 1,000 population; the stillbirth rate was 6.91 per 1,000 total births.
- There were 20,721 males (51.3%) and 19,655 females (48.7%) born in 2001.
- The average age of B.C. women giving birth in 2001 was 29.5 years.
- Out of the 40,376 live births in 2001, only 2.7% were multiple births. There were 1,049 live born twins, 30 live born triplets and no quadruplets born in B.C. in 2001.
- Approximately two thirds (62.8%) of live births in 2001 were delivered spontaneously without assistance (forceps or vacuum). Just over one fourth (26.0%) of all live births were delivered by cesarean section and almost two thirds (65.2%) of these were first cesareans. The 2001 cesarean section rate was 260.15 per 1,000 live births.
- Almost nine out of ten live births were delivered at term (from 37 to 41 weeks gestation) with normal birth weight (2,500 to 4,499 grams). These babies with "healthy" gestational ages and birth weights accounted for 88.3% of live births in 2001.
- In 2001, there were 2,008 live births with low birth weight (less than 2,500 grams). The provincial low birth weight (LBW) live birth rate was 49.73 per 1,000 live births.
- Of live births to teenage mothers (less than 20 years of age), 92.3% had healthy birth weights, 5.7% had low and 2.0% had high birth weights. For mothers in the 40 or older age group, 89.0% of live births had healthy birth weights, 8.2% had low and 2.8% had high birth weights.
- There were 2,714 pre-term (less than 37 weeks gestation) live births in 2001. A total of 1,442 babies (3.6%) were both pre-term and low birth weight; out of this group, approximately one in nine (163 births) was extremely premature (less than 28 weeks gestation) and had very low birth weight (less than 1,500 grams).

TABLE 7
BIRTHS BY AGE OF MOTHER AND LIVE BIRTHS BY BIRTH ORDER
BRITISH COLUMBIA, 2001

Age of Mother	Birth Order										Total Live Births	Stillbirths	Total Births
	1	2	3	4	5	6	7	8	9+	N.S.			
<13	1	–	–	–	–	–	–	–	–	–	1	–	1
13	–	–	–	–	–	–	–	–	–	–	–	–	–
14	9	–	–	–	–	–	–	–	–	–	9	–	9
15	58	1	–	–	–	–	–	–	–	–	59	–	59
16	162	8	–	–	–	–	–	–	–	–	170	1	171
17	296	24	1	–	–	–	–	–	–	–	321	3	324
18	436	70	5	–	–	–	–	–	–	–	511	3	514
19	540	151	13	1	–	–	–	–	–	–	705	8	713
20	700	217	36	3	–	–	–	–	–	–	956	6	962
21	687	306	61	7	–	–	–	–	–	–	1,061	11	1,072
22	726	378	111	10	2	–	–	–	–	–	1,227	13	1,240
23	749	463	122	25	10	1	–	–	–	–	1,370	9	1,379
24	805	530	163	37	12	3	–	–	–	–	1,550	11	1,561
25	993	653	193	52	22	4	–	–	–	–	1,917	15	1,932
26	1,009	773	265	74	18	8	3	–	–	–	2,150	11	2,161
27	1,026	831	287	75	19	5	1	–	1	–	2,245	11	2,256
28	1,167	917	318	91	32	9	2	–	–	–	2,536	17	2,553
29	1,216	1,006	327	80	24	8	–	1	–	–	2,662	10	2,672
30	1,276	1,119	385	104	28	4	5	2	–	–	2,923	19	2,942
31	1,110	1,188	376	108	42	8	7	1	1	–	2,841	16	2,857
32	994	1,121	396	111	30	10	4	2	3	1	2,672	14	2,686
33	878	1,043	397	91	26	16	7	2	4	–	2,464	20	2,484
34	660	919	338	95	21	8	8	5	6	–	2,060	14	2,074
35	607	863	316	98	35	16	6	–	4	–	1,945	7	1,952
36	493	672	254	119	25	16	4	1	3	–	1,587	16	1,603
37	374	586	248	106	31	17	10	6	4	–	1,382	12	1,374
38	303	410	194	74	25	14	7	7	3	–	1,037	10	1,047
39	216	285	132	50	20	11	–	6	5	–	725	10	735
40	127	189	119	39	18	5	6	5	5	–	513	6	519
41	91	122	54	30	9	10	4	1	8	–	329	4	333
42	56	73	59	17	12	–	1	2	3	–	223	1	224
43	29	41	28	15	8	3	2	1	5	–	132	2	134
44	14	19	11	8	4	2	–	2	1	–	61	–	61
45+	15	13	17	3	2	–	1	–	1	–	52	1	53
N.S.	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	17,823	14,971	5,226	1,523	475	178	78	44	57	1	40,376	281	40,657

Note: Birth order denotes the number of live births. Non-residents are excluded. N.S. – Not stated.

HIGHLIGHTS TO TABLE 7

- Of the 40,367 live births in 2001, almost half (44.1%) were first born (17,823), more than a third (37.1%) were second born (14,971), and about one in five (18.8%) was third born or greater (7,581).
- The average age of B.C. women giving birth in 2001 was 29.5 years. The average maternal age of first live births was 27.9 years, compared to 30.3, years for mothers of second live births and 31.8 years for mothers having their third or more live birth.
- In 2001, there were 1,776 live births to mothers younger than 20 years old, resulting in a teenage mother rate of 43.99 per 1,000 live births.
- There were 7,966 live births to mother aged 35 or older in 2001. The elderly gravida rate has increased in recent years; the 2001 rate was 197.30 per 1,000 live births.
- There were 281 stillbirths in 2001. Including stillbirths, there were 40,657 total births in 2001 to B.C. residents. The 2001 stillbirth rate was 6.91 per 1,000 total births.

TABLE 8
LIVE BIRTHS BY AGE OF FATHER, AGE OF MOTHER AND OUT-OF-WEDLOCK
BRITISH COLUMBIA, 2001

Age of Father	Age of Mother (in Years)									Total	Percent
	<15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.		
<15	1	–	–	–	–	–	–	–	–	1	0.0
15–19	4	380	84	9	4	1	–	–	–	482	1.2
20–24	1	681	1,887	478	71	10	1	–	–	3,129	7.7
25–29	–	180	2,281	4,408	1,143	160	19	1	–	8,192	20.3
30–34	–	67	847	4,243	6,161	1,092	95	4	–	12,509	31.0
35–39	–	18	245	1,369	3,881	3,130	295	3	–	8,941	22.1
40–44	–	8	71	371	1,018	1,508	492	10	–	3,478	8.6
45+	–	2	26	102	305	498	301	31	–	1,265	3.1
N.S.	4	430	723	530	377	257	55	3	–	2,379	5.9
TOTAL	10	1,766	6,164	11,510	12,960	6,656	1,258	52	–	40,376	
Percent	0.0	4.4	15.3	28.5	32.1	16.5	3.1	0.1	–		100.0
Out-of-Wedlock	9	1,417	3,071	2,348	1,745	1,000	265	9	–	9,864	

Note: Total percentage may not add up to 100 due to rounding.
Out-of-Wedlock denotes mother and father of child were not legally married to each other and excludes 1,792 cases where marital status was not stated.
Non-residents are excluded. N.S. – Not stated.

HIGHLIGHTS TO TABLE 8

- Out of 100 live births in 2001, approximately:
  - 4 were to teenage mothers, less than 20 years old (1,776)
  - 44 were to mothers 20 to 29 years old (17,674)
  - 49 were to mothers 30 to 39 years old (19,616)
  - 3 were to mothers 40 years of age or older (1,310)
- Out of 100 live births in 2001, approximately:
  - 1 was to a teenage father, less than 20 years old (483)
  - 28 were to fathers 20 to 29 years old (11,321)
  - 53 were to fathers 30 to 39 years old (21,450)
  - 12 were to fathers 40 years of age or older (4,743)
  - 6 did not include father's age (2,379)
- There were 385 live births (1.0%) where both parents were teenagers (less than 20 years of age) and 1,055 where only one of the parents was a teenager (2.6%).
- There were 834 live births (2.1%) where both parents were 40 years of age or older and 4,327 births where only one of the parents was 40 years or older (10.7%).
- One quarter (24.4%) of the live births in 2001 were reported as out-of-wedlock (9,864). The actual number of out-of-wedlock births may be even higher since this excludes births where it was not known if the parents were married to each other.

TABLE 9
LIVE BIRTHS BY AGE OF MOTHER AND KIND OF BIRTH
BRITISH COLUMBIA, 2001

Age of Mother	Kind of Birth			Total
	Single	Twin	Triplets+	
<15	10	–	–	10
15–19	1,734	32	–	1,766
20–24	6,054	104	6	6,164
25–29	11,244	266	–	11,510
30–34	12,575	373	12	12,960
35–39	6,430	220	6	6,656
40–44	1,206	46	6	1,258
45+	44	8	–	52
N.S.	–	–	–	–
TOTAL	**39,297**	**1,049**	**30**	**40,376**

Note: For the multiple births which include stillbirths, only live births are shown in this table.
Triplets+: included in this column are the live births from multiple births of three or more.
Non-residents are excluded. N.S. – Not stated.

HIGHLIGHTS TO TABLE 9

- Out of the 40,376 live births in 2001, only 1,079 or 2.7% were multiple births
- Of all live births in 2001:
  - Almost all (97.3%) were singletons (39,297)
  - One twin was born out of every 38 live births (1,049 twins)
  - A triplet was born once in 1,346 live births (30 triplets)
  - There were no quadruplets born in B.C. in 2001
- Older mothers, 35 years of age or older, had the highest proportion of multiple births; 286 births or 3.6% of live births to these mothers were multiple births. The 761 multiple births to mothers aged 20 to 34 years accounted for 2.5% of births to mothers in this age group. The lowest proportion of multiple births was to teenage mothers; the 32 twins born to teenage mothers accounted for 1.8% of births to mothers in this age group.

VITAL STATISTICS INFORMATION BOX

BIRTHS TO NON-RESIDENT MOTHERS

BRITISH COLUMBIA, 2001

Usual Residence of Mother	Number of Births
Canada	
Alberta	60
Yukon	13
Ontario	9
Northwest Territories	8
Saskatchewan	3
Other provinces	5
Total Canada	**98**
United States	
Washington	12
Idaho	7
California	5
Other states	5
Total United States	**29**
Asia	
China	7
Taiwan	5
Hong Kong	4
Other Asian Countries	6
Total Asia	**22**
Other Countries	8
TOTAL	**157**

Note: Births includes live births plus stillbirths.

LIVE BIRTH FERTILITY RATES BY LOCAL HEALTH AREA

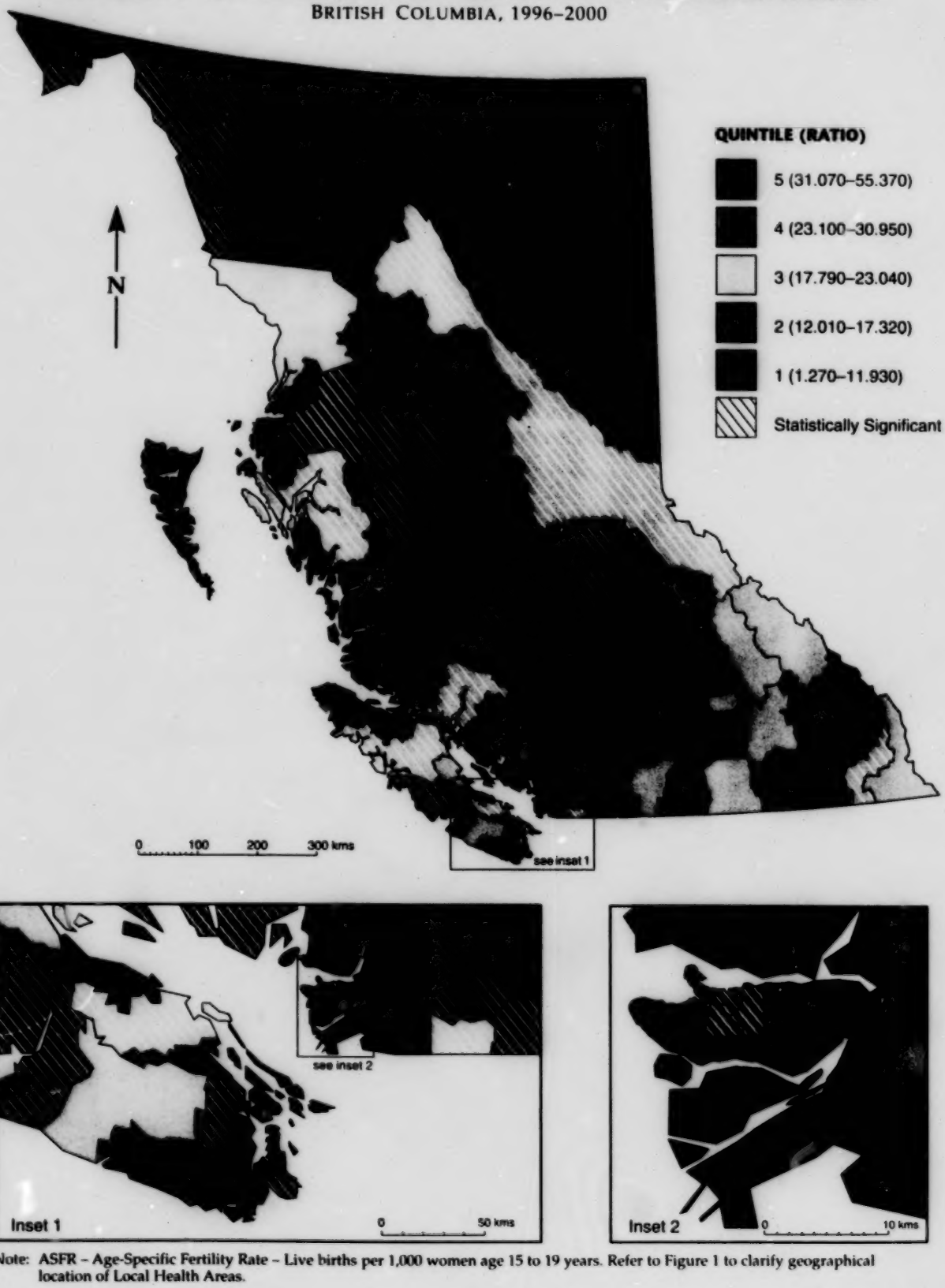
Local Health Area	1996–2000 Teenage Fertility Rate (15–19 yrs)			2001 ASFR[1]						TFR[2]	
	Observed	ASFR[1]	(p)	15–19	20–24	25–29	30–34	35–39	40–44	Rate	(p)
001 Fernie	62	19.01		13.08	39.88	79.00	58.51	15.94	3.33	1,048.73	*
002 Cranbrook	113	23.01	*	27.13	57.73	90.91	65.19	26.08	1.88	1,344.63	
003 Kimberley	26	16.85		17.61	17.99	76.09	66.39	22.86	12.35	1,066.36	*
004 Windermere	19	12.15		15.71	41.67	67.52	35.81	16.99	2.08	898.89	*
005 Creston	85	43.93	*	53.65	83.08	107.81	122.81	24.44	4.47	1,981.29	*
006/007 Kootenay Lake/Nelson	66	11.93	*	5.94	54.16	117.30	81.81	27.85	5.00	1,460.30	
009 Castlegar	36	13.35		3.87	42.80	81.89	72.35	36.12	1.73	1,193.80	
010 Arrow Lakes	18	20.76		18.63	60.98	146.34	76.92	15.31	10.75	1,644.66	
011 Trail	36	9.19	*	9.66	40.72	91.13	84.97	25.75	8.99	1,306.03	
012/013 Grand Forks/Kettle Valley	42	19.27		14.03	54.20	125.00	70.97	28.70	9.43	1,511.64	
014 Southern Okanagan	42	17.27		13.73	65.04	127.72	95.59	25.00	1.62	1,643.45	
015 Penticton	147	25.06	*	19.53	59.18	81.05	62.67	27.82	5.45	1,278.50	
016 Keremeos	19	29.19		39.37	107.14	137.50	90.91	18.40	6.45	1,998.89	*
017 Princeton	16	20.03		5.59	44.59	122.64	33.78	10.00	4.33	1,104.63	
018 Golden	32	22.42		26.62	54.42	85.37	54.05	22.28	2.40	1,225.70	
019 Revelstoke	32	19.27		17.54	92.66	91.35	73.33	32.26	7.11	1,571.27	
020 Salmon Arm	74	13.43		11.04	50.29	111.99	50.81	27.55	3.43	1,275.54	
021 Armstrong–Spallumcheen	24	11.74		7.04	60.11	127.55	112.55	20.15	2.09	1,647.50	
022 Vernon	177	17.05		9.17	65.92	126.01	92.54	29.75	3.17	1,632.80	*
023 Central Okanagan	371	15.98		13.56	46.72	91.22	85.89	33.92	4.75	1,380.24	
024 Kamloops	324	17.32		12.89	43.81	85.56	69.45	20.92	1.90	1,172.67	*
025 100 Mile House	50	16.18		5.93	42.44	94.40	57.97	22.65	2.99	1,131.88	*
026 North Thompson	26	25.24		21.93	34.09	106.06	66.67	34.33	8.20	1,356.40	
027 Cariboo–Chilcotin	177	29.13	*	25.47	70.34	100.91	70.35	28.00	7.10	1,510.79	
028 Quesnel	150	27.86	*	16.50	72.00	95.95	57.35	16.35	2.53	1,303.36	
029 Lillooet	36	38.79	*	34.48	106.51	155.04	62.94	35.56	4.65	1,995.87	*
030 South Cariboo	46	30.73	*	16.34	54.35	139.24	37.74	16.67	6.41	1,353.70	
031 Merritt	68	30.95	*	14.00	84.40	66.85	54.26	27.83	0.00	1,236.74	
032 Hope	59	38.76	*	15.43	54.17	103.90	98.77	19.67	0.00	1,459.66	
033 Chilliwack	347	29.66	*	23.27	69.73	146.65	83.26	32.15	4.88	1,799.68	*
034 Abbotsford	405	20.70	*	16.96	89.36	156.32	94.07	35.75	4.59	1,985.20	*
035 Langley	211	10.88	*	9.90	46.15	120.20	113.25	35.92	7.28	1,663.49	*
036 Surrey	860	15.65		13.16	77.05	143.68	110.46	45.45	8.67	1,992.31	*
037 Delta	127	7.07	*	6.46	34.55	100.42	98.04	42.00	7.16	1,443.09	
038 Richmond	126	4.45	*	4.05	18.66	73.30	99.05	48.09	9.57	1,263.62	*
040 New Westminster	150	25.76	*	18.71	54.09	77.49	84.66	45.45	10.05	1,452.31	
041 Burnaby	308	11.06	*	7.50	29.09	71.35	92.39	45.13	8.96	1,272.15	*
042 Maple Ridge	179	14.06		10.69	46.51	121.42	110.21	32.74	5.84	1,637.05	*
043 Coquitlam	264	8.59	*	7.47	33.02	89.76	117.40	48.26	7.27	1,515.92	*
044 North Vancouver	84	4.38	*	6.47	16.53	54.38	108.50	60.05	9.74	1,278.38	*
045 West Vancouver–Bowen Is.	14	1.78	*	1.96	5.51	43.18	97.45	78.29	10.99	1,186.86	*
046 Sechelt	51	12.31	*	3.09	23.08	82.14	79.77	35.68	3.45	1,136.04	*
047 Powell River	86	24.70	*	9.71	43.76	105.60	86.08	15.87	1.20	1,311.12	
048 Howe Sound	84	17.23		16.23	38.67	55.02	95.21	56.93	14.83	1,384.38	
049 Bella Coola Valley	34	55.37	*	25.64	83.33	115.38	79.71	33.33	12.35	1,748.74	
050 Queen Charlotte	30	38.71	*	40.00	90.91	80.65	76.92	33.58	3.94	1,629.98	
051 Snow Country	4	22.10		0.00	57.14	100.00	69.77	0.00	0.00	1,134.55	
052 Prince Rupert	152	43.23	*	36.34	90.35	93.06	68.47	19.28	5.07	1,562.85	
053 Upper Skeena	65	50.04	*	39.57	116.88	113.40	53.72	22.64	12.66	1,704.36	*
054 Smithers	108	29.32	*	14.01	62.69	144.44	80.00	24.57	10.51	1,681.14	*
055/093 Burns Lake	47	28.01	*	26.87	90.63	170.31	83.65	3.42	10.60	1,927.36	*
056 Nechako	135	34.83	*	33.74	97.46	136.92	61.31	22.78	4.18	1,781.94	*
057 Prince George	449	21.92	*	18.73	56.20	92.15	69.69	21.13	2.11	1,300.05	
059 Peace River South	170	32.14	*	20.71	90.17	98.29	51.74	22.93	4.44	1,441.39	
060 Peace River North	194	32.82	*	35.48	110.57	135.27	62.41	28.29	7.66	1,898.41	*
061 Greater Victoria	391	14.33	*	11.76	35.44	61.83	71.38	39.24	6.37	1,130.09	*
062 Sooke	127	14.10		12.11	56.74	129.86	120.47	37.68	4.39	1,806.15	*
063 Saanich	76	8.37	*	5.39	30.55	84.52	104.12	48.94	7.20	1,393.58	
064 Gulf Islands	18	9.08	*	0.00	46.96	78.57	97.18	40.57	13.20	1,382.43	
065 Cowichan	222	23.37	*	25.84	49.19	88.03	82.25	33.03	4.09	1,412.15	
066 Lake Cowichan	25	19.35		27.45	43.48	102.19	53.19	20.41	0.00	1,233.59	
067 Ladysmith	83	31.07	*	24.12	82.16	115.65	66.67	18.15	13.16	1,599.49	
068 Nanaimo	312	20.07	*	20.06	49.33	80.47	77.95	27.66	6.42	1,309.42	
069 Qualicum	56	11.09	*	12.46	41.23	96.08	87.37	19.39	6.98	1,317.48	
070 Alberni	184	29.38	*	22.28	57.71	81.78	69.95	27.20	5.28	1,320.92	
071 Courtenay	184	17.88		17.35	44.42	85.93	80.60	28.66	5.04	1,310.00	
072/084 Campbell River/V.I. West	186	21.98	*	15.54	50.72	109.63	76.13	24.60	3.26	1,399.47	
075 Mission	159	23.10	*	16.55	92.69	131.26	91.46	30.81	5.53	1,841.50	*
076 Agassiz–Harrison	52	43.84	*	23.41	78.34	152.63	104.76	28.37	2.96	1,952.37	*
077 Summerland	12	6.09	*	7.06	37.68	112.50	122.64	21.68	6.24	1,539.08	
078 Enderby	25	17.79		12.74	111.57	131.78	47.17	15.92	8.24	1,637.14	
080 Kitimat	64	23.04	*	10.24	60.34	108.82	55.29	15.36	3.47	1,267.62	
081 Fort Nelson	51	40.83	*	21.74	125.00	86.79	38.92	19.80	3.50	1,478.76	
083 Central Coast	14	38.15	*	40.82	57.14	67.42	26.32	0.00	0.00	958.45	
085 Vancouver Island North	138	46.39	*	49.54	82.61	121.21	56.68	21.56	6.80	1,692.04	*
087/094 Stikine/Telegraph Creek	14	36.08	*	65.79	49.18	76.92	46.51	19.80	0.00	1,291.03	
088 Terrace	129	29.20	*	35.48	75.65	111.25	62.25	26.69	0.00	1,556.63	
092 Nisga'a	21	48.28	*	36.04	84.34	90.00	43.96	25.97	10.31	1,453.06	
161 Vancouver City Centre	16	2.68	*	5.56	8.23	18.85	38.78	28.94	4.70	525.29	*
162 Vancouver Downtown E. Side	110	23.22	*	19.56	29.49	45.54	45.08	29.81	10.40	899.43	*
163 Vancouver North East	160	12.01	*	8.79	36.63	79.29	95.28	50.98	12.75	1,418.47	
164 Vancouver West Side	23	1.27	*	1.79	5.87	27.16	79.86	85.05	13.52	986.27	*
165 Vancouver Midtown	130	12.45	*	18.19	41.02	63.75	70.00	51.95	12.81	1,288.61	*
166 Vancouver South	141	7.12	*	5.77	27.62	70.37	87.25	51.49	12.33	1,274.16	*
039 VANCOUVER TOTAL	580	8.00	*	7.84	19.90	43.52	68.85	47.16	11.39	982.33	*
PROVINCIAL TOTAL	10,188	18.88		13.88	48.69	86.15	84.84	38.40	7.14	1,372.84	

Note: [1] Age-Specific Fertility Rate (ASFR): Live births per 1,000 women in each specific age group of childbearing age.
[2] Total Fertility Rate (TFR): Sum of age-specific (15 to 44 years) fertility rates multiplied by the number of years in each age group (see Glossary for definition). * Statistical testing indicates that fertility rate is significantly different from the average rate ($p<0.05$, two tailed).
LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents and unknown LHA (5 cases) are excluded.

FIGURE 9

LIVE BIRTH TEENAGE FERTILITY RATES BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1996–2000



Note: ASFR – Age-Specific Fertility Rate – Live births per 1,000 women age 15 to 19 years. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 10/FIGURE 9

- The Province's 2001 Total Fertility Rate (TFR) was 1,372.54 births per 1,000 women of childbearing age (15 to 44 years of age). As shown in Table 3, Trends of Total Fertility Rates, this was the lowest rate in the last 52 years. (See Glossary for a definition of total fertility rates.)

- There were 19 Local Health Areas (LHAs) with statistically significant TFRs that were higher than the Provincial TFR in 2001. The five highest were:

016	Keremeos	1,998.89
029	Lillooet	1,995.87
036	Surrey	1,992.31
034	Abbotsford	1,985.20
005	Creston	1,981.29

  There were 16 LHAs with statistically significant TFRs that were lower than the Provincial TFR in 2001. The five lowest were:

161	Vancouver City Centre	525.29
004	Windermere	898.89
162	Vancouver Downtown E. Side	899.43
164	Vancouver West Side	966.27
001	Fernie	1,048.73

- There were 13.28 live births per 1,000 young women in the 15–19 year age group in 2001. This age-specific fertility rate for 2001 was lower than the 1996–2000 teenage fertility rate of 15.88.

- For the 1996–2000 period, there were 38 LHAs with statistically significant teenage fertility rates that were higher than the provincial teenage fertility rate. The five LHAs with the highest statistically significant rates (number of births in parentheses) were:

049	Bella Coola Valley	55.37	(34)
053	Upper Skeena	50.04	(65)
085	Vancouver Island North	48.39	(138)
092	Nisga'a	48.28	(21)
005	Creston	43.93	(85)

- There were 20 LHAs in the 1996–2000 period with statistically significant teenage fertility rates that were lower than the provincial teenage fertility rate. The five LHAs with the lowest statistically significant rates (number of births in parentheses) were:

164	Vancouver West Side	1.27	(23)
045	West Vancouver–Bowen Is.	1.78	(14)
161	Vancouver City Centre	2.68	(16)
044	North Vancouver	4.38	(84)
038	Richmond	4.45	(126)

TABLE 11
LIVE BIRTHS BY MODE OF DELIVERY AND AGE OF MOTHER
BRITISH COLUMBIA, 2001

Mode of Delivery	Age of Mother (in Years)								Total	Percent
	<15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.		
Spontaneous vertex	5	1,266	4,199	7,462	7,847	3,790	660	21	–	25,250	62.5
Spontaneous breech	–	8	16	37	36	24	7	–	–	128	0.3
Forceps	–	72	234	511	579	270	42	2	–	1,710	4.2
Vacuum	3	128	485	835	878	384	68	2	–	2,783	6.9
First cesarean	2	277	969	1,854	2,255	1,225	252	17	–	6,851	17.0
Repeat cesarean	–	15	261	810	1,365	963	229	10	–	3,653	9.0
N.S.	–	–	–	1	–	–	–	–	–	1	0.0
TOTAL	**10**	**1,766**	**6,164**	**11,510**	**12,960**	**6,656**	**1,258**	**52**	**–**	**40,376**	**100.0**
Percent	**0.0**	**4.4**	**15.3**	**28.5**	**32.1**	**16.5**	**3.1**	**0.1**	**–**	**100.0**	

Note: Breech presentations may be coded to forceps, vacuum, first cesarean or repeat cesarean mode of delivery, as well as spontaneous breech. Total percentage may not add up to 100 due to rounding. Non–residents are excluded. N.S. – Not stated.

HIGHLIGHTS TO TABLE 11

- Approximately two thirds (62.8%) of live births in 2001 were delivered spontaneously: 62.5% (25,250) were spontaneous vertex (head first) and 0.3% (128) were spontaneous breech (buttocks or feet first). One in 24 births required the use of forceps (1,710 births) and vacuum was used for almost one in 15 (2,783 births).
- In 2001, just over one fourth of all live births (26.0%) was delivered by cesarean section (10,504) and almost two thirds of these (6,851) were first cesareans. The 2001 cesarean section rate was 260.15 per 1,000 live births.
- Among teenage mothers (less than 20 years of age), one in six live births (16.6% or 294 births) were delivered by cesarean section. Of these, 5.1% (15) were repeat cesarean sections.
- One quarter (24.5%) of live births to mothers aged 20 to 34 years was delivered by cesarean section (7,514). Of these deliveries, 32.4% were repeat C-sections (2,436).
- For mothers aged 35 or older, more than one in three live births (33.8%) was delivered by cesarean section (2,696). Of these deliveries, 44.6% (1,202) were repeat C-sections.

LIVE BIRTHS BY LOCAL HEALTH AREA AND MODE OF DELIVERY

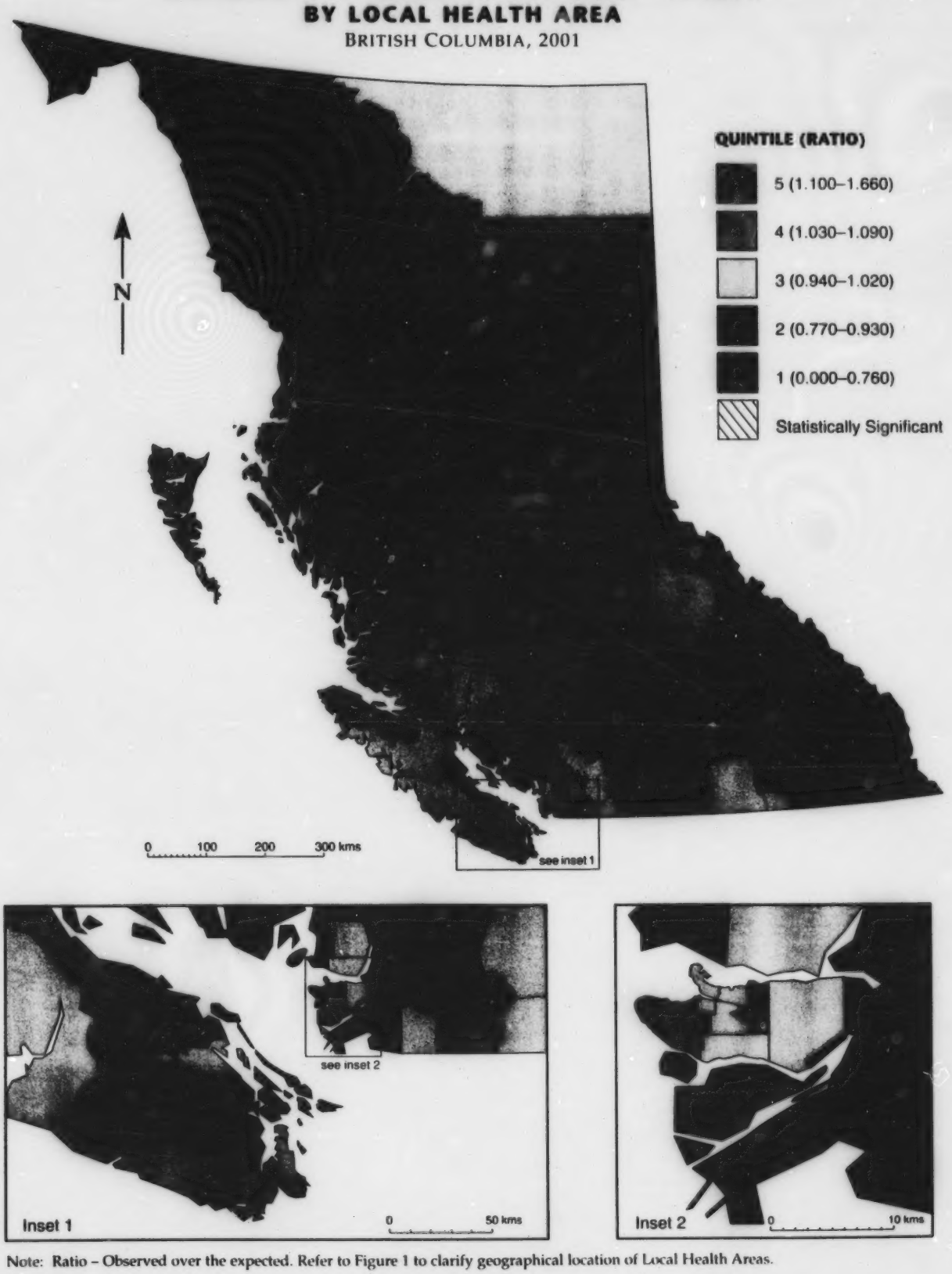
Local Health Area		Spontaneous Vertex	Cesarean					Other	N.S.	Total Live Births	
			First	Repeat	Total	Ratio (p)	Percent			Number	Rate
001	Fernie	72	13	6	19	0.60 *	15.6	31	–	122	6.84
002	Cranbrook	187	21	14	35	0.57 *	15.0	12	–	234	8.89
003	Kimberley	42	7	3	10	0.73	18.9	1	–	53	5.80
004	Windermere	39	8	1	9	0.56	14.5	14	–	62	5.98
005	Creston	100	14	8	22	0.66 *	17.1	7	–	129	9.79
006/007	Kootenay Lake/Nelson	195	25	15	40	0.62 *	16.2	12	–	247	8.32
009	Castlegar	70	16	9	25	0.92	23.8	10	–	105	7.57
010	Arrow Lakes	31	10	1	11	0.90	23.4	5	–	47	8.69
011	Trail	100	17	22	39	1.00	26.0	11	–	150	7.30
012/013	Grand Forks/Kettle Valley	66	16	8	24	0.97	25.3	5	–	95	7.18
014	Southern Okanagan	102	14	12	26	0.71	18.4	13	–	141	7.52
015	Penticton	207	33	17	50	0.66 *	17.2	33	–	290	7.20
016	Keremeos	32	3	5	8	0.73	19.0	2	–	42	8.83
017	Princeton	23	4	2	6	0.80	20.7	–	–	29	5.26
018	Golden	42	11	10	21	1.14	29.6	8	–	71	8.80
019	Revelstoke	53	19	7	26	1.16	30.2	7	–	86	9.84
020	Salmon Arm	134	38	21	59	1.04	26.9	26	–	219	6.45
021	Armstrong–Spallumcheen	52	15	13	28	1.27	32.9	5	–	85	8.47
022	Vernon	390	77	59	136	0.93	24.1	39	–	565	9.34
023	Central Okanagan	878	200	132	332	0.94	24.4	151	–	1,361	8.79
024	Kamloops	554	136	104	240	1.08	28.1	60	–	854	7.93
025	100 Mile House	69	14	8	22	0.85	22.0	9	–	100	6.07
026	North Thompson	31	7	5	12	0.96	25.0	5	–	48	8.81
027	Cariboo–Chilcotin	162	85	51	136	1.66 *	43.2	17	–	315	10.64
028	Quesnel	153	36	28	64	1.03	26.9	21	–	238	8.60
029	Lillooet	39	13	5	18	1.10	28.6	6	–	63	12.78
030	South Cariboo	38	7	6	13	0.88	22.8	6	–	57	7.12
031	Merritt	74	11	7	18	0.69	18.0	8	–	100	8.17
032	Hope	49	5	4	9	0.54	14.1	6	–	64	7.60
033	Chilliwack	504	133	75	208	1.00	25.9	90	–	802	11.13
034	Abbotsford	967	243	136	379	0.92	23.8	246	–	1,592	13.56
035	Langley	786	189	106	295	0.94	24.4	129	–	1,210	10.51
036	Surrey	2,809	818	475	1,293	1.03	26.7	740	–	4,842	13.40
037	Delta	555	159	96	255	1.03	26.8	142	–	952	9.30
038	Richmond	917	311	159	470	1.12 *	29.2	224	–	1,611	9.66
040	New Westminster	383	142	45	187	1.12	29.3	69	–	639	11.79
041	Burnaby	1,294	370	154	524	0.99	25.7	222	–	2,040	10.53
042	Maple Ridge	519	144	97	241	1.09	28.4	90	–	850	10.70
043	Coquitlam	1,345	375	211	586	1.05	27.3	216	–	2,147	11.27
044	North Vancouver	780	214	110	324	1.00	26.0	144	–	1,248	9.52
045	West Vancouver–Bowen Is.	172	55	25	80	1.04	27.0	44	–	296	5.98
046	Sunshine Coast	113	20	16	36	0.84	22.0	15	–	164	5.92
047	Powell River	81	32	18	50	1.33	34.7	13	–	144	6.92
048	Howe Sound	229	77	46	123	1.16	30.1	56	–	408	12.67
049	Bella Coola Valley	31	4	4	8	0.73	19.0	3	–	42	11.86
050	Queen Charlotte	47	12	7	19	1.07	27.9	2	–	68	11.41
051	Snow Country	7	–	–	–	–	–	1	–	8	9.47
052	Prince Rupert	144	28	8	36	0.63 *	16.5	38	–	218	11.73
053	Upper Skeena	54	18	5	23	1.08	28.0	5	–	82	13.30
054	Smithers	143	39	20	59	1.05	27.3	14	–	216	11.43
055/083	Burns Lake/Eutsuk	75	18	4	22	0.82	21.4	6	–	103	12.89
056	Nechako	173	27	20	47	0.77	19.9	16	–	236	12.61
057	Prince George	704	199	85	284	1.04	27.0	62	–	1,050	9.73
059	Peace River South	194	30	24	54	0.76 *	19.8	25	–	273	9.84
060	Peace River North	331	73	33	106	0.86	22.5	35	–	472	14.66
061	Greater Victoria	1,156	335	142	477	1.05	27.3	117	–	1,750	8.49
062	Sooke	414	90	67	157	1.00	26.0	33	–	604	10.99
063	Saanich	270	68	38	106	1.02	26.4	25	–	401	6.61
064	Gulf Islands	73	12	7	19	0.77	20.0	3	–	95	6.39
065	Cowichan	302	74	52	126	1.04	27.2	36	–	464	8.37
066	Lake Cowichan	26	5	8	13	1.09	28.3	7	–	46	6.85
067	Ladysmith	85	26	9	35	1.02	26.5	12	–	132	8.56
068	Nanaimo	520	154	67	221	1.03	26.9	82	–	823	8.58
069	Qualicum	153	40	34	74	1.16	30.1	19	–	246	5.95
070	Alberni	191	47	24	71	0.94	24.4	29	–	291	8.66
071	Courtenay	310	71	35	106	0.89	23.2	40	–	456	7.55
072/084	Campbell River/V.I. West	266	64	35	99	0.95	24.6	37	–	402	8.83
075	Mission	283	52	42	94	0.87	22.7	37	–	414	10.97
076	Agassiz–Harrison	48	8	13	21	0.95	24.7	16	–	85	9.85
077	Summerland	57	9	3	12	0.65	16.9	2	–	71	6.21
078	Enderby	41	13	9	22	1.28	33.3	3	–	66	8.42
080	Kitimat	58	22	18	40	1.48 *	38.5	6	–	104	8.09
081	Fort Nelson	48	17	4	21	1.00	25.9	12	–	81	12.19
083	Central Coast	10	5	–	5	1.20	31.3	1	–	16	7.58
085	Vancouver Island North	126	21	21	42	0.86	22.5	19	–	187	12.06
087/094	Stikine/Telegraph Creek	10	5	2	7	1.42	36.8	2	–	19	9.30
088	Terrace	182	60	24	84	1.16	30.1	13	–	279	11.51
092	Nisga'a	16	7	4	11	1.51	39.3	1	–	28	11.13
161	Vancouver City Centre	400	153	34	187	0.98	25.4	149	–	736	7.06
162	Vancouver Downtown E. Side	269	77	29	106	0.94	24.4	60	–	435	8.15
163	Vancouver North East	676	201	111	312	1.06	27.5	147	–	1,135	11.87
164	Vancouver West Side	604	201	84	285	1.04	27.0	166	–	1,055	8.43
165	Vancouver Midtown	600	187	77	264	0.99	25.8	161	–	1,025	11.87
166	Vancouver South	715	222	98	320	0.99	25.7	209	–	1,244	10.33
039	VANCOUVER TOTAL	3,264	1,041	433	1,474	1.01	26.2	892	–	5,630	9.62
	N.S.	–	–	–	–			–	1	1	
	PROVINCIAL TOTAL	25,250	6,851	3,653	10,504	1.00	26.0	4,921	1	40,376	9.86

Note: Ratio – observed over the expected cesareans in the specified area. Percent based upon live births in the specified area. Rate per 1,000 population in the specified area. *Statistical testing indicates that observed cesarean births are significantly different from the expected ($p<0.05$, two tailed). Other is comprised of spontaneous breech, forceps, and vacuum. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated.

FIGURE 10

CESAREAN DELIVERIES OF LIVE BORN INFANTS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 2001



Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 12/FIGURE 10

- There were 10,504 cesarean deliveries of live born babies in 2001, and 25,250 spontaneous vertex deliveries. The 2001 cesarean section rate was 260.15 per 1,000 live births.
- The cesarean ratio is the number of C-section births in the area, compared to the number that would be expected based on the provincial rate and the number of live births in the area. The three Local Health Areas (LHAs) with cesarean ratios that were statistically significant and high in 2001 (with the number of cesarean deliveries in parentheses) were:

027	Cariboo–Chilcotin	1.66	(136)
080	Kitimat	1.48	(40)
038	Richmond	1.12	(470)

- There were seven LHAs with cesarean ratios that were statistically significant and low in 2001 (with the number of cesarean deliveries in parentheses). These were:

002	Cranbrook	0.57	(35)
001	Fernie	0.60	(19)
006/007	Kootenay Lake/Nelson	0.62	(40)
052	Prince Rupert	0.63	(36)
005	Creston	0.66	(22)
015	Penticton	0.66	(50)
059	Peace River South	0.76	(54)

- The 2001 provincial live birth rate was 9.86 live births per 1,000 population. The five LHAs with the highest live birth rates in 2001 (actual numbers in parentheses) were:

060	Peace River North	14.66	(472)
034	Abbotsford	13.56	(1,592)
036	Surrey	13.40	(4,842)
053	Upper Skeena	13.30	(82)
055/093	Burns Lake/Eutsuk	12.89	(103)

The six LHAs with the lowest live birth rates in 2001 (actual numbers in parentheses) were:

017	Princeton	5.26	(29)
003	Kimberley	5.80	(53)
046	Sunshine Coast	5.92	(164)
069	Qualicum	5.95	(246)
004	Windermere	5.98	(62)
045	West Vancouver/Bowen Is.	5.98	(296)

TABLE 13
LIVE BIRTHS BY BIRTH WEIGHT, GENDER, AND GESTATIONAL AGE
BRITISH COLUMBIA, 2001

Birth Weight (in Grams)	Gender		Gestational Age (in Weeks)						Total
	Male	Female	<20	20–27	28–36	37–41	42+	N.S.	
<500	19	20	2	36	1	–	–	–	39
500–749	37	23	–	56	4	–	–	–	60
750–999	35	29	–	42	22	–	–	–	64
1,000–1,249	41	37	–	23	55	–	–	–	78
1,250–1,499	54	46	–	4	93	3	–	–	100
1,500–1,749	72	74	–	2	140	4	–	–	146
1,750–1,999	104	114	–	1	179	38	–	–	218
2,000–2,249	210	238	–	–	330	118	–	–	448
2,250–2,499	390	465	–	–	452	403	–	–	855
2,500–2,749	792	981	–	–	455	1,316	2	–	1,773
2,750–2,999	1,555	2,107	–	–	377	3,270	15	–	3,662
3,000–3,249	2,790	3,329	–	–	252	5,839	28	–	6,119
3,250–3,499	3,819	3,981	–	–	113	7,614	73	–	7,800
3,500–3,749	3,945	3,536	–	–	42	7,354	85	–	7,481
3,750–3,999	3,143	2,456	–	–	21	5,482	96	–	5,599
4,000–4,249	2,004	1,317	–	–	5	3,249	67	–	3,321
4,250–4,499	999	571	–	–	3	1,521	46	–	1,570
4,500–4,749	459	213	–	–	1	649	22	–	672
4,750–4,999	151	67	–	–	1	214	3	–	218
5,000–5,249	64	22	–	–	1	82	3	–	86
5,250–5,499	14	3	–	–	1	15	1	–	17
5,500+	4	3	–	–	–	5	2	–	7
N.S.	20	23	–	–	–	–	–	43	43
TOTAL	**20,721**	**19,655**	**2**	**164**	**2,548**	**37,176**	**443**	**43**	**40,376**

Note: Non-residents are excluded.
N.S. – Not stated.

HIGHLIGHTS TO TABLE 13

- There were 20,721 males (51.3%) and 19,655 females (48.7%) born in 2001. The average weight for a live born baby was 3,436 grams, 3,495 grams for males and 3,373 grams for females.
- In 2001, almost nine out of ten live births (35,645) were delivered at term (from 37 to 41 weeks gestation) with normal birth weight (2,500 to 4,499 grams). These babies with "healthy" gestational ages and birth weights accounted for 88.3% of live births in 2001.
- There were 2,008 live births with low birth weight (less than 2,500 grams) and 2,714 pre-term (less than 37 weeks gestation) live births in 2001. A total of 1,442 babies (3.6%) were both pre-term and low birth weight; out of this group, approximately one in nine (163 births) was extremely premature (less than 28 weeks gestation) and had very low birth weight (less than 1,500 grams).
- Post-term (42 or more weeks of gestation) deliveries occurred in 443 births in 2001. There were 1,000 births with high birth weight (4,500 grams or more), 31 of which were also post-term.
- Out of approximately 1,000 live births in 2001:

by birth weight

- 50 were low birth weight (2,008 births), of which:
  - 1 had birth weight less than 500 grams (39)
  - 7 had birth weight from 500 to 1,499 grams (302)
- 924 were normal birth weight (37,325)
- 25 were high birth weight (1,000)

by gestational age

- 67 were pre-term (2,714 births), of which:
  - 4 were extremely premature (less than 28 weeks) (166)
  - 63 were moderately premature (28–36 weeks) (2,548)
- 921 were term (37,176)
- 11 were post-term (443)

TABLE 14
LIVE BIRTHS BY BIRTH WEIGHT AND AGE OF MOTHER
BRITISH COLUMBIA, 2001

Birth Weight (in Grams)	Age of Mother (in Years)									Total
	<15	15–19	20–24	25–29	30–34	35–39	40–44	45+	N.S.	
<500	–	1	8	10	11	7	1	1	–	39
500–749	–	4	7	21	17	6	5	–	–	60
750–999	–	4	12	17	13	13	4	1	–	64
1,000–1,249	–	2	18	17	27	10	3	1	–	78
1,250–1,499	–	6	18	23	26	21	6	–	–	100
1,500–1,749	–	8	18	36	48	29	7	–	–	146
1,750–1,999	–	11	39	53	64	36	15	–	–	218
2,000–2,249	–	17	66	141	132	72	17	3	–	448
2,250–2,499	–	49	121	229	239	174	40	3	–	855
2,500–2,749	–	108	289	486	524	294	70	2	–	1,773
2,750–2,999	–	174	581	1,074	1,086	620	120	7	–	3,662
3,000–3,249	2	271	961	1,758	1,932	1,017	174	4	–	6,119
3,250–3,499	4	346	1,157	2,226	2,500	1,316	242	9	–	7,800
3,500–3,749	2	311	1,117	2,124	2,522	1,202	195	8	–	7,481
3,750–3,999	–	236	846	1,601	1,848	901	162	5	–	5,599
4,000–4,249	–	132	527	962	1,090	498	107	5	–	3,321
4,250–4,499	1	52	225	451	522	265	51	3	–	1,570
4,500–4,749	1	18	97	176	242	115	23	–	–	672
4,750–4,999	–	9	32	63	65	39	10	–	–	218
5,000–5,249	–	5	11	29	23	15	3	–	–	86
5,250–5,499	–	1	3	3	7	2	1	–	–	17
5,500+	–	1	–	3	2	1	–	–	–	7
N.S.	–	–	11	7	20	3	2	–	–	43
TOTAL	**10**	**1,766**	**6,164**	**11,510**	**12,960**	**6,656**	**1,258**	**52**	**–**	**40,376**

Note: Non-residents are excluded.
N.S. – Not stated.

HIGHLIGHTS TO TABLE 14

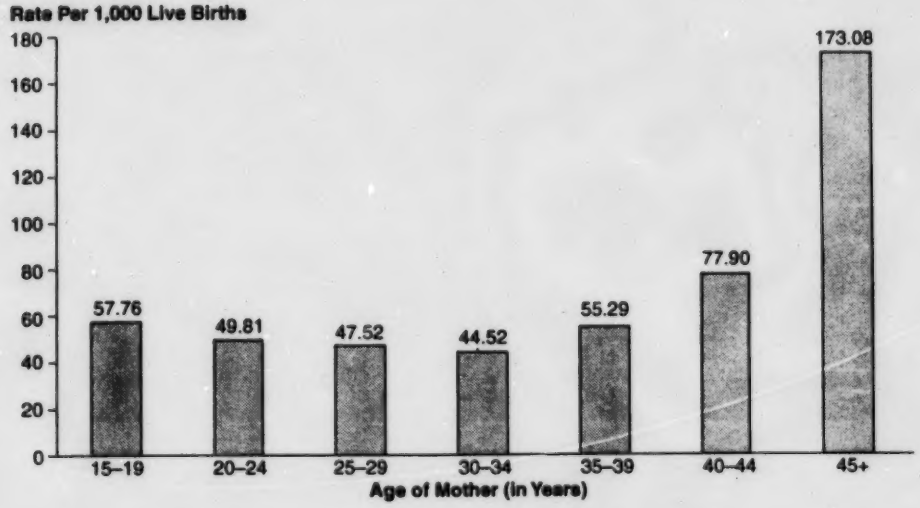
- There were 37,325 live births with healthy birth weights (2,500 to 4,499 grams) in 2001. Out of approximately every 100 of these births:
  - 4 were births to teenage mothers (1,639)
  - 44 were births to mothers aged 20 to 29 years (16,385)
  - 49 were births to mothers aged 30 to 39 years (18,137)
  - 3 were births to mothers 40 years of age or older (1,164)
- There were 2,008 live births with low birth weight (less than 2,500 grams) in 2001. Out of every 100 of these births, approximately:
  - 5 were births to teenage mothers (102)
  - 43 were births to mothers aged 20 to 29 years (854)
  - 47 were births to mothers aged 30 to 39 years (945)
  - 5 were births to mothers 40 years of age or older (107)
- There were 1,000 live births with high birth weight (4,500 grams or over) in 2001. Out of every 100 of these births, approximately:
  - 4 were births to teenage mothers (35)
  - 42 were births to mothers aged 20 to 29 years (417)
  - 51 were births to mothers aged 30 to 39 years (511)
  - 4 were births to mothers 40 years of age or older (37)
- Nine out of ten (92.7%) births to mothers in the four maternal age groups from 20–24 to 35–39 had "healthy" birth weights. One in 21 (4.8%) births in these age groups had a low birth weight and one in 40 (2.5%) had a high birth weight.
- Of live births to teenage mothers (less than 20 years of age), 92.3% had healthy birth weights, 5.7% had low and 2.0% had high birth weights. For mothers in the 40 or older age group, 89.0% of live births had healthy birth weights, 8.2% had low and 2.8% had high birth weights.

TABLE 15
LOW BIRTH WEIGHT LIVE BIRTHS BY AGE OF MOTHER AND GENDER
BRITISH COLUMBIA, 2001

Age of Mother	Male		Female		Total		
	Number	Percent	Number	Percent	Number	Percent	Rate
<15	–	–	–	–	–	–	–
15–19	53	5.5	49	4.7	102	5.1	57.76
20–24	159	16.5	148	14.1	307	15.3	49.81
25–29	266	27.7	281	26.9	547	27.2	47.52
30–34	264	27.4	313	29.9	577	28.7	44.52
35–39	174	18.1	194	18.5	368	18.3	55.29
40–44	45	4.7	53	5.1	98	4.9	77.90
45 +	1	0.1	8	0.8	9	0.4	173.08
N.S.	–	–	–	–	–	–	
TOTAL	**962**	**100.0**	**1,046**	**100.0**	**2,008**	**100.0**	**49.73**

Note: Rate per 1,000 live births for the specified age group.
Low birth weight: birth weight less than 2,500 grams.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded. N.S. – Not stated.

FIGURE 11
LOW BIRTH WEIGHT LIVE BIRTHS BY AGE OF MOTHER
BRITISH COLUMBIA, 2001



HIGHLIGHTS TO TABLE 15/FIGURE 11

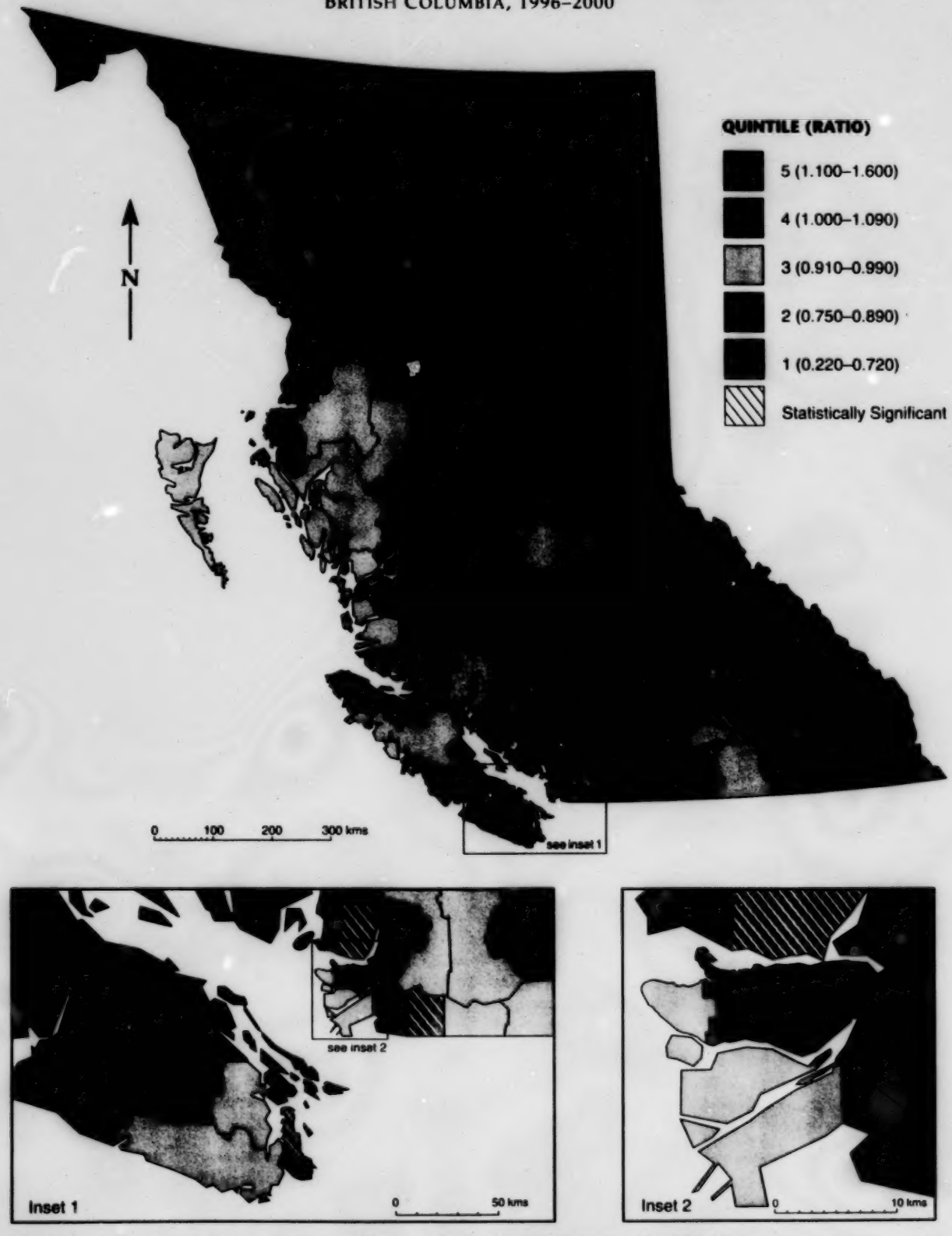
- In 2001, there were 2,008 live births with low birth weight (less than 2,500 grams). The provincial low birth weight (LBW) live birth rate was 49.73 per 1,000 live births.
- Among live births in 2001, 4.6% of the 20,721 male births had low birth weight (962) and 5.3% of the 19,655 female births had low birth weight (1,046).
- Of the low birth weight live births, 52.1% were females.
- Mothers aged 30–34 had the lowest LBW rates (44.52 per 1,000 live births) in 2001, followed by the 25–29 and 20–24 year maternal age groups (47.52 and 49.81 low birth weight births per 1,000 births respectively). The LBW rates by maternal age groups (shown in Figure 11) do not include the less than 15 year age group since there were no births in this group. The LBW rates by maternal age groups (shown in Figure 11) are lowest in the 30–34 year age group and tend to increase rapidly as mother's age increases.

LOW BIRTH WEIGHT LIVE BIRTHS BY GESTATIONAL AGE

Local Health Area		1996–2000 Low Birth Weight Live Births				2001 Gestational Age (in Weeks)					
		Observed	Ratio	(p)	Rate	<37	37–41	42+	N.S.	Total	Rate
001	Fernie	25	0.69		35.06	3	1	–	–	4	32.79
002	Cranbrook	49	0.77		38.83	5	2	–	–	7	29.91
003	Kimberley	9	0.53		26.87	2	1	–	–	3	56.60
004	Windermere	14	0.69		35.09	2	1	–	–	3	48.39
005	Creston	23	0.69		34.80	4	1	–	–	5	38.76
006/007	Kootenay Lake/Nelson	52	0.80		40.19	7	3	–	–	10	40.49
009	Castlegar	33	1.10		55.65	4	1	–	–	5	47.62
010	Arrow Lakes	15	1.22		61.48	7	–	–	–	7	148.94
011	Trail	46	1.06		53.80	4	3	–	–	7	46.67
012/013	Grand Forks/Kettle Valley	24	0.98		49.59	4	–	–	–	4	42.11
014	Southern Okanagan	60	1.55	*	78.43	2	1	–	–	3	21.28
015	Penticton	101	1.16		58.58	7	9	–	–	16	55.17
016	Keremeos	8	0.68		34.19	4	–	–	–	4	95.24
017	Princeton	15	1.60		80.65	2	–	–	–	2	68.97
018	Golden	8	0.42	*	21.45	–	2	–	–	2	28.17
019	Revelstoke	24	1.06		53.45	2	1	–	–	3	34.88
020	Salmon Arm	63	0.99		50.24	7	5	–	–	12	54.79
021	Armstrong–Spallumcheen	17	0.81		40.77	–	1	–	–	1	11.76
022	Vernon	114	0.83	*	41.74	18	10	–	–	28	49.56
023	Central Okanagan	350	0.99		50.09	54	16	–	–	70	51.43
024	Kamloops	270	1.06		53.64	41	16	–	–	57	66.74
025	100 Mile House	40	1.09		55.17	6	–	–	–	6	60.00
026	North Thompson	3	0.22	+	10.91	1	2	–	–	3	62.50
027	Cariboo–Chilcotin	103	1.11		55.89	18	4	–	–	22	69.84
028	Quesnel	75	0.95		48.17	7	6	–	–	13	54.62
029	Lillooet	11	0.66		33.43	1	1	–	–	2	31.75
030	South Cariboo	23	1.20		60.85	–	–	–	–	–	–
031	Merritt	36	1.04		52.55	6	1	–	–	7	70.00
032	Hope	15	0.69		34.72	–	–	–	–	–	–
033	Chilliwack	208	0.98		49.56	33	17	–	–	50	62.34
034	Abbotsford	385	0.94		47.34	46	28	–	–	74	46.48
035	Langley	268	0.83	*	42.18	41	17	–	–	58	47.93
036	Surrey	1,477	1.18	*	59.76	195	82	–	–	277	57.21
037	Delta	264	0.96		48.70	29	19	–	–	48	50.42
038	Richmond	404	0.99		49.99	53	19	–	–	72	44.69
040	New Westminster	197	1.21	*	61.03	27	3	–	–	30	46.98
041	Burnaby	580	1.14	*	57.39	86	27	–	–	113	55.39
042	Maple Ridge	224	0.97		48.91	36	7	–	–	43	50.59
043	Coquitlam	572	1.02		51.31	79	34	–	–	113	52.63
044	North Vancouver	286	0.81	*	41.19	32	14	–	–	46	36.86
045	West Vancouver–Bowen Is.	70	0.89		45.10	8	2	–	–	10	33.78
046	Sunshine Coast	50	0.83		41.88	7	1	–	–	8	48.78
047	Powell River	34	0.75		37.82	4	2	–	–	6	41.67
048	Howe Sound	101	1.00		50.73	23	6	–	–	29	71.08
049	Bella Coola Valley	10	0.77		38.76	1	–	–	–	1	23.81
050	Queen Charlotte	19	0.99		50.13	2	–	–	–	2	29.41
051	Snow Country	2	0.66		33.33	–	–	–	–	–	–
052	Prince Rupert	52	0.80		40.25	7	1	–	–	8	36.70
053	Upper Skeena	21	1.02		51.47	5	–	–	–	5	60.98
054	Smithers	65	0.92		46.43	3	2	–	–	5	23.15
055/093	Burns Lake/Eutsuk	16	0.60	*	30.53	–	–	–	–	–	–
056	Nechako	57	0.85		42.79	9	3	–	–	12	50.85
057	Prince George	318	1.01		51.13	43	11	–	–	54	51.43
059	Peace River South	60	0.68	*	34.54	6	6	–	–	12	43.96
060	Peace River North	103	0.85		43.19	13	8	–	–	21	44.49
061	Greater Victoria	462	1.02		51.33	70	18	–	–	88	50.29
062	Sooke	144	0.96		48.44	18	9	–	–	27	44.70
063	Saanich	78	0.75	*	37.72	14	4	–	–	18	44.89
064	Gulf Islands	12	0.49	*	25.00	4	–	–	–	4	42.11
065	Cowichan	124	0.92		46.53	13	6	–	–	19	40.95
066	Lake Cowichan	18	1.14		57.51	–	–	–	–	–	–
067	Ladysmith	38	0.89		45.18	7	1	–	–	8	60.61
068	Nanaimo	193	0.88		44.29	32	9	–	–	41	49.82
069	Qualicum	48	0.72	*	36.36	3	1	–	–	4	16.26
070	Alberni	70	0.81		40.96	5	4	–	–	9	30.93
071	Courtenay	141	1.02		51.63	28	5	–	–	33	72.37
072/084	Campbell River/V.I. West	108	0.92		46.41	15	6	–	–	21	52.24
075	Mission	104	0.92		46.70	15	4	–	–	19	45.89
076	Agassiz–Harrison	13	0.65		33.08	1	1	–	–	2	23.53
077	Summerland	21	0.99		50.00	2	–	–	–	2	28.17
078	Enderby	21	1.08		54.40	1	3	–	–	4	60.61
080	Kitimat	34	0.91		46.13	3	2	–	–	5	48.08
081	Fort Nelson	17	0.64		32.32	2	–	–	–	2	24.69
083	Central Coast	6	0.92		48.51	1	–	–	–	1	62.50
085	Vancouver Island North	39	0.80		40.33	7	2	–	–	9	48.13
087/094	Stikine/Telegraph Creek	8	1.36		68.97	2	–	–	–	2	105.26
088	Terrace	72	0.91		45.92	13	2	–	–	15	53.76
092	Nisga'a	10	1.18		59.88	1	–	–	–	1	35.71
161	Vancouver City Centre	169	1.04		52.35	14	16	–	–	30	40.76
162	Vancouver Downtown E. Side	153	1.17		58.89	18	7	–	–	25	57.47
163	Vancouver North East	384	1.20	*	60.64	36	14	–	–	50	44.05
164	Vancouver West Side	231	0.94		47.57	38	10	–	–	48	46.50
165	Vancouver Midtown	341	1.19	*	59.92	34	17	–	–	51	49.76
166	Vancouver South	376	1.09		54.84	39	28	–	–	67	53.86
039	VANCOUVER TOTAL	1,834	1.11	*	55.98	179	92	–	–	271	48.13
	N.S	6				–	–	–	–	–	
	PROVINCIAL TOTAL	10,990	1.00		50.54	1,442	566	–	–	2,008	49.73

Note: Low Birth Weight – birth weight less than 2,500 grams. Ratio – observed over the expected low birth weight live births. * Statistical testing indicates that observed low birth weight live births are significantly different from the expected ($p<0.05$, two tailed). Rate per 1,000 live births in the specified area. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated.

FIGURE 12
LOW BIRTH WEIGHT LIVE BIRTHS BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1996–2000



Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 16/FIGURE 12

- The provincial low birth weight (LBW) (less than 2,500 grams) live birth rate for 2001 was 49.73 per 1,000 live births, slightly lower than the 1996–2000 LBW rate (50.54).
- The five Local Health Areas (LHAs) with the highest LBW rates (based on at least five births) in 2001 (number of births in parentheses) were:

010	Arrow Lakes	148.94	(7)
071	Courtenay	72.37	(33)
048	Howe Sound	71.08	(29)
031	Merritt	70.00	(7)
027	Cariboo–Chilcotin	69.84	(22)

- The five LHAs with lowest LBW rates (based on at least five births) in 2001 (number of births in parentheses) were:

054	Smithers	23.15	(5)
002	Cranbrook	29.91	(7)
070	Alberni	30.93	(9)
045	West Vancouver–Bowen Is.	33.78	(10)
052	Prince Rupert	36.70	(8)

- In 2001, South Cariboo, Hope, Snow Country, Burns Lake/Eutsuk and Lake Cowichan did not have any low birth weight births.
- There were six LHAs with low birth weight ratios for the period 1996–2000 that showed statistically significant and high (number of births and LBW rate per 1,000 live births, respectively, in parentheses). These were:

014	Southern Okanagan	1.55	(60)	(78.43)
040	New Westminster	1.21	(197)	(61.03)
163	Vancouver North East	1.20	(364)	(60.64)
165	Vancouver Midtown	1.19	(341)	(59.92)
036	Surrey	1.18	(1,477)	(59.76)
041	Burnaby	1.14	(580)	(57.39)

- There were nine LHAs with low birth weight ratios for the period 1996–2000 that were statistically significant and low, based on at least five births. The five lowest (number of births and LBW rate per 1,000 live births in parentheses) were:

018	Golden	0.42	(8)	(21.45)
064	Gulf Islands	0.49	(12)	(25.00)
055/093	Burns Lake/Eutsuk	0.60	(16)	(30.53)
059	Peace River South	0.68	(60)	(34.54)
069	Qualicum	0.72	(48)	(36.36)

HIGHLIGHTS TO TABLE 17

- Maternal complications of pregnancy and delivery were noted in 20,413 live births in 2001. Included in these maternal complications are early or threatened labour (preterm) births, assisted or surgical deliveries where no cause was given, and elderly primigravida (first births to women aged 35 or older). Just over half (50.6%) of all live births in 2001 involved maternal complications.
- The percentage of live births with maternal complications of pregnancy and delivery increased with the age of mother. Teenage mothers had maternal complications in 44.7% of their births. In the age groups 20–29 and 30–39, maternal complications occurred in 46.5% and 53.9% of live births, respectively. For mothers aged 40 or older, the proportion rose to more than three in five (62.6%).
- The largest categories of maternal complications of pregnancy and delivery were assisted or surgical deliveries where no cause was given (22.4%) and maternal abnormality of pelvic organs (13.5%). These complications combined accounted for more than a third (35.9%) of all maternal complications.

TABLE 17

SELECTED MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 1996–2000 AND 2001

Maternal Complications	ICD-10 Code(s)	1996–2000		2001						
				Age of Mother (in Years)						
		Total	Percent	<20	20–29	30–39	40+	N.S.	Total	Percent
Antepartum/intrapartum hemorrhage	O20, O44.1, O45–O46, O67	2,359	1.7	12	113	215	22	–	362	1.3
Hypertension/eclampsia	O10–O11, O13–O16	4,388	3.1	32	261	281	25	–	599	2.2
Early or threatened labour	O60	10,690	7.6	106	679	682	58	–	1,525	5.5
Prolonged pregnancy	O48	3,463	2.4	25	202	185	12	–	424	1.5
Hyperemesis gravidarum	O21	99	0.1	–	7	5	–	–	12	0.0
Infective and parasitic conditions	O23, O26.4, O75.2–O75.3, O85–O86, O91, O98	1,372	1.0	23	143	157	12	–	335	1.2
Diabetes in pregnancy	O24	3,356	2.4	8	131	270	27	–	436	1.6
Malposition and malpresentation	O32, O64	8,917	6.3	81	775	936	74	–	1,866	6.8
Disproportion	O33, O65	5,402	3.8	37	321	412	26	–	796	2.9
Abnormality of pelvic organs and structures	O34	4,150	2.9	20	1,094	2,376	240	–	3,730	13.5
Obstructed labour	O66	9,187	6.5	63	549	572	38	–	1,222	4.4
Abnormality of forces of labour	O62	5,029	3.6	50	429	468	31	–	978	3.5
Vaginal birth after previous cesarean section	O75.7	13,695	9.7	1	60	70	6	–	137	0.5
Maternal care for fetal abnormality or damage	O35–O36	16,019	11.3	87	724	773	63	–	1,647	6.0
Other problems of amniotic cavity or membranes	O40–O44.0, O73, O75.5–O75.6	7,113	5.0	55	521	592	46	–	1,214	4.4
Umbilical cord complications	O69	2,580	1.8	27	240	288	14	–	569	2.1
Prolonged labour	O63	2,590	1.8	17	174	192	8	–	391	1.4
Obstetrical trauma	O70–O71	1,422	1.0	16	113	112	8	–	249	0.9
Post-partum trauma	O72, O74	2,912	2.1	18	198	156	7	–	379	1.4
Multiple gestation and related complications	O30–O31	4,869	3.4	32	373	601	58	–	1,064	3.9
Assisted or surgical delivery, no indication given	O81–O83, O84.1–O84.8	21,707	15.4	220	2,707	3,064	200	–	6,191	22.4
Elderly primigravida	Z35.5	5,146	3.6	–	–	1,123	128	–	1,251	4.5
Maternal complications of anaesthesia	O74, O89	5	0.0	–	1	1	–	–	2	0.0
Maternal venous complications	O22, O87	64	0.0	–	7	7	1	–	15	0.1
Other maternal complications of pregnancy, labour or delivery and puerperium	O12, O25–O26.3, O26.5–O26.9, O47, O61, O88, O75.0–O75.1, O75.4, O75.8–O75.9, O88, O90, O92, O95–O97, O99	4,867	3.4	140	941	1,074	73	–	2,228	8.1
Total maternal complications (+)		141,401	100.0	1,070	10,763	14,612	1,177	–	27,622	100.0
Live births with the above maternal complications	– Number	103,151		794	8,221	10,578	820	–	20,413	
	– Percent(*)	47.9		44.7	46.5	53.9	62.6		50.6	

Note: Percent based upon total maternal complications. Percent (*) based upon live births for the specified maternal age group. (+) O00–O08 codes are not included due to the abortive outcomes of these conditions. Maternal complications may include codes other than those shown here. Total percentage may not add up to 100 due to rounding. Non-residents are excluded. N.S. – Not stated.

MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS

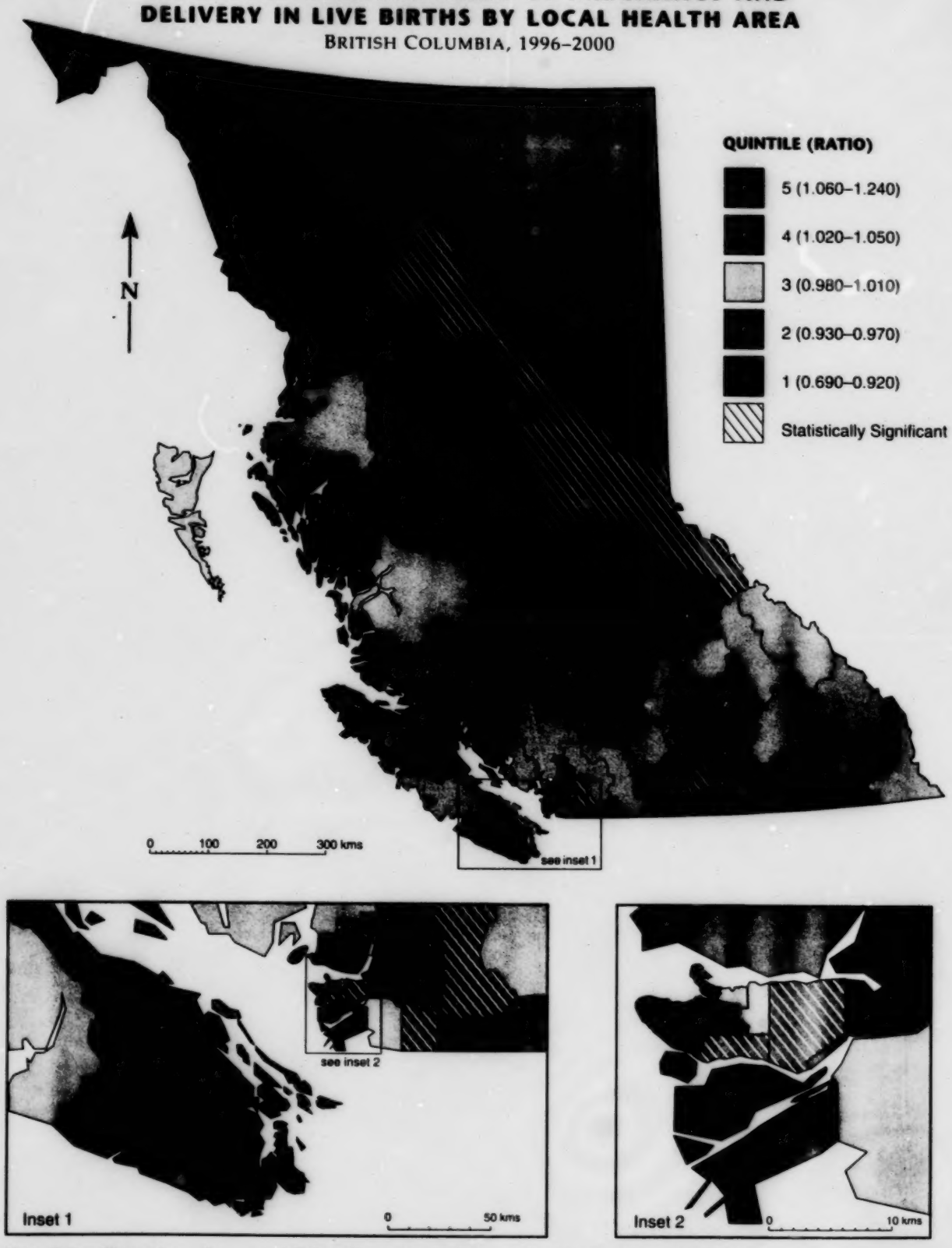
Local Health Area		1996–2000 Observed Births	Ratio (p)	Percent	Total Live Births	2001 Observed Births	Expected Births	Ratio (p)	Percent	Total Live Births
001	Fernie	333	0.98	46.7	713	66	61.7	1.07	54.1	122
002	Cranbrook	419	0.69 *	33.2	1,262	73	118.3	0.62 *	31.2	234
003	Kimberley	134	0.84 *	40.0	335	21	26.8	0.78	39.6	53
004	Windermere	189	0.99	47.4	399	27	31.3	0.86	43.5	62
005	Creston	284	0.90	43.0	661	43	65.2	0.66 *	33.3	129
006/007	Kootenay Lake/Nelson	570	0.92 *	44.0	1,294	97	124.9	0.78 *	39.3	247
009	Castlegar	267	0.94	45.0	593	50	53.1	0.94	47.6	105
010	Arrow Lakes	114	0.98	46.7	244	26	23.8	1.09	55.3	47
011	Trail	421	1.03	49.2	855	63	75.8	0.83	42.0	150
012/013	Grand Forks/Kettle Valley	213	0.92	44.0	484	41	48.0	0.85	43.2	95
014	Southern Okanagan	354	0.97	46.3	765	52	71.3	0.73 *	36.9	141
015	Penticton	765	0.93 *	44.4	1,724	131	146.6	0.89	45.2	290
016	Keremeos	91	0.81 *	38.9	234	24	21.2	1.13	57.1	42
017	Princeton	84	0.94	45.2	186	9	14.7	0.61	31.0	29
018	Golden	181	1.01	48.5	373	34	35.9	0.95	47.9	71
019	Revelstoke	212	0.99	47.2	449	39	43.5	0.90	45.3	86
020	Salmon Arm	634	1.06	50.6	1,254	107	110.7	0.97	48.9	219
021	Armstrong–Spallumcheen	198	0.99	47.5	417	50	43.0	1.16	58.8	85
022	Vernon	1,245	0.95	45.6	2,731	283	285.6	0.99	50.1	565
023	Central Okanagan	2,986	0.89 *	42.7	6,987	636	688.1	0.92 *	46.7	1,361
024	Kamloops	2,446	1.01	48.6	5,034	406	431.8	0.94	47.5	854
025	100 Mile House	331	0.95	45.7	725	46	50.6	0.91	46.0	100
026	North Thompson	134	1.02	48.7	275	28	24.3	1.15	58.3	48
027	Cariboo–Chilcotin	954	1.08 *	51.8	1,843	184	159.3	1.16	58.4	315
028	Quesnel	782	1.05	50.2	1,557	115	120.3	0.96	48.3	238
029	Lillooet	186	1.18 *	56.5	329	32	31.9	1.00	50.8	63
030	South Cariboo	166	0.92	43.9	378	22	28.8	0.76	38.6	57
031	Merritt	328	1.00	47.9	685	39	50.6	0.77	39.0	100
032	Hope	205	0.99	47.5	432	23	32.4	0.71	35.9	64
033	Chilliwack	1,938	0.96	46.2	4,197	399	405.5	0.98	49.8	802
034	Abbotsford	3,540	0.91 *	43.5	8,132	751	804.9	0.93	47.2	1,592
035	Langley	2,881	0.95 *	45.3	6,353	591	611.7	0.97	48.8	1,210
036	Surrey	11,783	1.00	47.7	24,716	2,509	2,448.0	1.02	51.8	4,842
037	Delta	2,654	1.02	49.0	5,421	497	481.3	1.03	52.2	952
038	Richmond	4,089	1.06 *	50.6	8,081	855	814.5	1.05	53.1	1,611
040	New Westminster	1,617	1.05	50.1	3,228	346	323.1	1.07	54.1	639
041	Burnaby	4,669	0.97 *	46.2	10,106	1,001	1,031.4	0.97	49.1	2,040
042	Maple Ridge	2,315	1.06 *	50.5	4,580	439	429.7	1.02	51.6	850
043	Coquitlam	5,476	1.03	49.1	11,148	1,150	1,085.5	1.06	53.6	2,147
044	North Vancouver	3,233	0.97	46.6	6,943	592	631.0	0.94	47.4	1,248
045	West Vancouver–Bowen Is.	707	0.95	45.6	1,552	157	149.6	1.05	53.0	296
046	Sunshine Coast	562	0.98	47.1	1,194	84	82.9	1.01	51.2	164
047	Powell River	437	1.02	48.6	899	73	72.8	1.00	50.7	144
048	Howe Sound	944	0.99	47.4	1,991	246	206.3	1.19 *	60.3	408
049	Bella Coola Valley	123	1.00	47.7	258	21	21.2	0.99	50.0	42
050	Queen Charlotte	180	0.99	47.5	379	34	34.4	0.99	50.0	68
051	Snow Country	27	0.94	45.0	60	1	4.0	0.25	12.5	8
052	Prince Rupert	567	0.92 *	43.9	1,292	97	110.2	0.88	44.5	218
053	Upper Skeena	214	1.10	52.5	408	43	41.5	1.04	52.4	82
054	Smithers	640	0.95	45.7	1,400	95	109.2	0.87	44.0	216
055/093	Burns Lake/Eutsuk	232	0.92	44.3	524	43	52.1	0.83	41.7	103
056	Nechako	589	0.89 *	42.7	1,332	107	119.3	0.90	45.3	236
057	Prince George	2,771	0.93 *	44.6	6,219	472	530.9	0.89 *	45.0	1,050
059	Peace River South	757	0.91 *	43.6	1,737	118	138.0	0.85	43.2	273
060	Peace River North	960	0.84 *	40.3	2,385	198	238.6	0.83 *	41.9	472
061	Greater Victoria	4,389	1.02	48.8	9,001	842	884.8	0.95	48.1	1,750
062	Sooke	1,457	1.02	49.0	2,973	280	305.4	0.92	46.4	604
063	Saanich	1,012	1.02	48.9	2,068	180	202.7	0.89	44.9	401
064	Gulf Islands	208	0.91	43.3	480	36	48.0	0.79	40.0	95
065	Cowichan	1,238	0.97	46.5	2,665	210	234.6	0.90	45.3	464
066	Lake Cowichan	163	1.09	52.1	313	27	23.3	1.16	58.7	46
067	Ladysmith	437	1.09	52.0	841	72	66.7	1.08	54.5	132
068	Nanaimo	2,589	1.24 *	59.4	4,358	543	416.1	1.31 *	66.0	823
069	Qualicum	769	1.22 *	58.3	1,320	150	124.4	1.21 *	61.0	246
070	Alberni	828	1.01	48.4	1,709	175	147.1	1.19 *	60.1	291
071	Courtenay	1,378	1.05	50.5	2,731	239	230.5	1.04	52.4	456
072/084	Campbell River/V.I. West	1,228	1.10 *	52.8	2,327	237	203.2	1.17 *	59.0	402
075	Mission	991	0.93 *	44.5	2,227	189	209.3	0.90	45.7	414
076	Agassiz–Harrison	190	1.01	48.3	393	44	43.0	1.02	51.8	85
077	Summerland	187	0.93	44.5	420	27	35.9	0.75	38.0	71
078	Enderby	191	1.03	49.5	386	39	33.4	1.17	59.1	66
080	Kitimat	388	1.10	52.6	737	53	52.6	1.01	51.0	104
081	Fort Nelson	238	0.95	45.2	526	36	41.0	0.88	44.4	81
083	Central Coast	73	1.18	56.6	129	8	8.1	0.99	50.0	16
085	Vancouver Island North	481	1.04	49.7	967	95	94.5	1.00	50.8	187
087/094	Stikine/Telegraph Creek	42	0.76	36.2	116	11	9.6	1.15	57.9	19
088	Terrace	733	0.98	46.7	1,568	152	141.1	1.08	54.5	279
092	Nisga'a	85	1.06	50.9	167	13	14.2	0.92	46.4	28
161	Vancouver City Centre	1,827	1.18 *	56.6	3,228	431	372.1	1.16 *	58.6	736
162	Vancouver Downtown E. Side	1,229	0.99	47.3	2,598	242	219.9	1.10	55.6	435
163	Vancouver North East	2,856	0.99	47.6	6,003	586	573.8	1.02	51.6	1,135
164	Vancouver West Side	2,517	1.08 *	51.8	4,856	596	533.4	1.12 *	56.5	1,055
165	Vancouver Midtown	2,889	1.06 *	50.8	5,691	550	518.2	1.06	53.7	1,025
166	Vancouver South	3,405	1.04 *	49.7	6,856	662	628.9	1.05	53.2	1,244
039	**VANCOUVER TOTAL**	**14,725**	**1.05 ***	**50.4**	**29,240**	**3,057**	**2,846.4**	**1.08**	**54.5**	**5,630**
	N.S	20	–	–	41	–	–	–	–	1
	PROVINCIAL TOTAL	**103,161**	**1.00**	**47.9**	**215,496**	**20,413**	**20,413.0**	**1.00**	**50.6**	**40,378**

Note: Observed births denotes live births with at least one maternal complication code in ICD-9 (1996–1999) and ICD-10 (2000–2001). *Statistical testing indicates that the observed number of births with maternal complications is signficantly different from the expected ($p<0.05$, two tailed). Percent of observed births is based on total live births. Ratio-observed over expected. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated.

FIGURE 13

MATERNAL COMPLICATIONS OF PREGNANCY AND DELIVERY IN LIVE BIRTHS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1996–2000



Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 18/FIGURE 13

- There were seven Local Health Areas (LHAs) with maternal complication ratios that were statistically significant and high in 2001. They were (number of births with maternal complications in parentheses):

068	Nanaimo	1.31	(543)
069	Qualicum	1.21	(150)
048	Howe Sound	1.19	(246)
070	Alberni	1.19	(175)
072/084	Campbell River/V.I. West	1.17	(237)
161	Vancouver City Centre	1.16	(431)
164	Vancouver West Side	1.12	(596)

- All above LHAs except Alberni and Howe Sound also had statistically significant high ratios for the 1996–2000 period.
- There were seven LHAs with maternal complication ratios that were statistically significant and low in 2001. They were (number of births in parentheses):

002	Cranbrook	0.62	(73)
005	Creston	0.66	(43)
014	Southern Okanagan	0.73	(52)
006/007	Kootenay Lake/Nelson	0.78	(97)
060	Peace River North	0.83	(198)
057	Prince George	0.89	(472)
023	Central Okanagan	0.92	(636)

- There were 11 LHAs with statistically significant and high maternal complication ratios in 1996–2000. The five LHAs with the highest ratios that were statistically significant (number of births in parentheses) were:

068	Nanaimo	1.24	(2,589)
069	Qualicum	1.22	(769)
161	Vancouver City Centre	1.18	(1,827)
029	Lillooet	1.18	(186)
072/084	Campbell River/V.I. West	1.10	(1,228)

- There were 15 LHAs with statistically significant and low maternal complication ratios in 1996–2000. The six LHAs with the lowest ratios that were statistically significant (number of births in parentheses) were:

002	Cranbrook	0.69	(419)
016	Keremeos	0.81	(91)
003	Kimberley	0.84	(134)
060	Peace River North	0.84	(960)
056	Nechako	0.89	(569)
023	Central Okanagan	0.89	(2,986)

TABLE 19

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY AGE OF MOTHER

BRITISH COLUMBIA, 1996–2000 AND 2001

Perinatal Complications	ICD-10 Code(s)	1996–2000		2001						
				Age of Mother (in Years)						
		Total	Percent	<20	20–29	30–39	40+	N.S.	Total	Percent
Maternal conditions which may be unrelated to current pregnancy	P00	20	0.0	2	10	13	–	–	25	0.1
Complications of pregnancy, labour and delivery	P01, P03	11,613	12.7	111	1,117	1,363	111	–	2,702	15.1
Complications of placenta, cord and membranes	P02	3,327	3.6	30	329	444	36	–	839	4.7
Fetus affected by noxious influences transmitted via placenta (or breast milk)	P04 (+)	20	0.0	–	–	–	–	–	–	–
Slow fetal growth/malnutrition/ small for dates	P05	3,278	3.6	54	380	381	40	–	855	4.8
Short gestation	P07.2–P07.3	13,538	14.8	142	1,079	1,257	133	–	2,611	14.6
Long gestation and high birth weight	P08	8,029	8.8	66	712	819	51	–	1,648	9.2
Birth trauma	P10–P15	401	0.4	5	31	34	–	–	70	0.4
Intrauterine hypoxia and birth asphyxia	P20–P21	49,662	54.2	500	3,948	4,233	270	–	8,951	49.9
Respiratory conditions of fetus and newborn	P22–P28	1,098	1.2	6	77	49	6	–	138	0.8
Cardiovascular disorders originating in perinatal period (excluding congenital malformations)	P29 (+)	9	0.0	–	2	3	–	–	5	0.0
Infections specific to the perinatal period	P35–P39	81	0.1	–	6	3	–	–	9	0.1
Fetal and neonatal hemorrhage	P50–P52, P54	106	0.1	–	7	11	1	–	19	0.1
Perinatal jaundice/other hematological disorders	P53, P55–P61	58	0.1	–	8	11	–	–	19	0.1
Perinatal endocrine and metabolic disturbances	P70–P74	41	0.0	–	4	1	–	–	5	0.0
Perinatal digestive system disorders	P75–P78	4	0.0	–	1	–	–	–	1	0.0
Integument and temperature regulation conditions	P80–P83	111	0.1	–	8	7	–	–	15	0.1
Other and ill-defined perinatal conditions	P90–P96	216	0.2	–	18	11	1	–	30	0.2
Total perinatal conditions	**P00–P96**	91,612	100.0	916	7,738	8,640	649	–	17,943	100.0
Live births with the above perinatal complications	**– Number**	70,982		695	5,772	6,445	452	–	13,364	
	– Percent(*)	**32.9**		**39.1**	**32.7**	**32.9**	**34.5**		**33.1**	

Note: Percent based upon total perinatal complications. Percent (*) based upon live births for the maternal age group. (+) New category, no direct ICD-9 equivalent. Perinatal complications may include codes other than those shown here. Total percentage may not add up to 100 due to rounding. Non-residents are excluded. N.S. – Not stated.

HIGHLIGHTS TO TABLE 19

- Perinatal complications were noted in 13,364 births or one in three (33.1%) live births in 2001.
- The proportion of births that had perinatal complications was highest (39.1%) in births to teenage mothers, and tended to be fairly constant as the maternal age groups increased, from 32.7% in the 20–29 year age group to 32.9% in the 30–39 year age group. For mothers 40 years of age and over, this proportion was 34.5%.
- Intrauterine hypoxia and birth asphyxia accounted for slightly less than half (49.9%) of the perinatal complications noted in 2001. Complications of pregnancy, labour and delivery plus short gestation accounted for 30 percent of the perinatal complications. Long gestation and high birth weight was noted as a perinatal complication in less than one in ten births (9.2%).

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY LOCAL HEALTH AREA

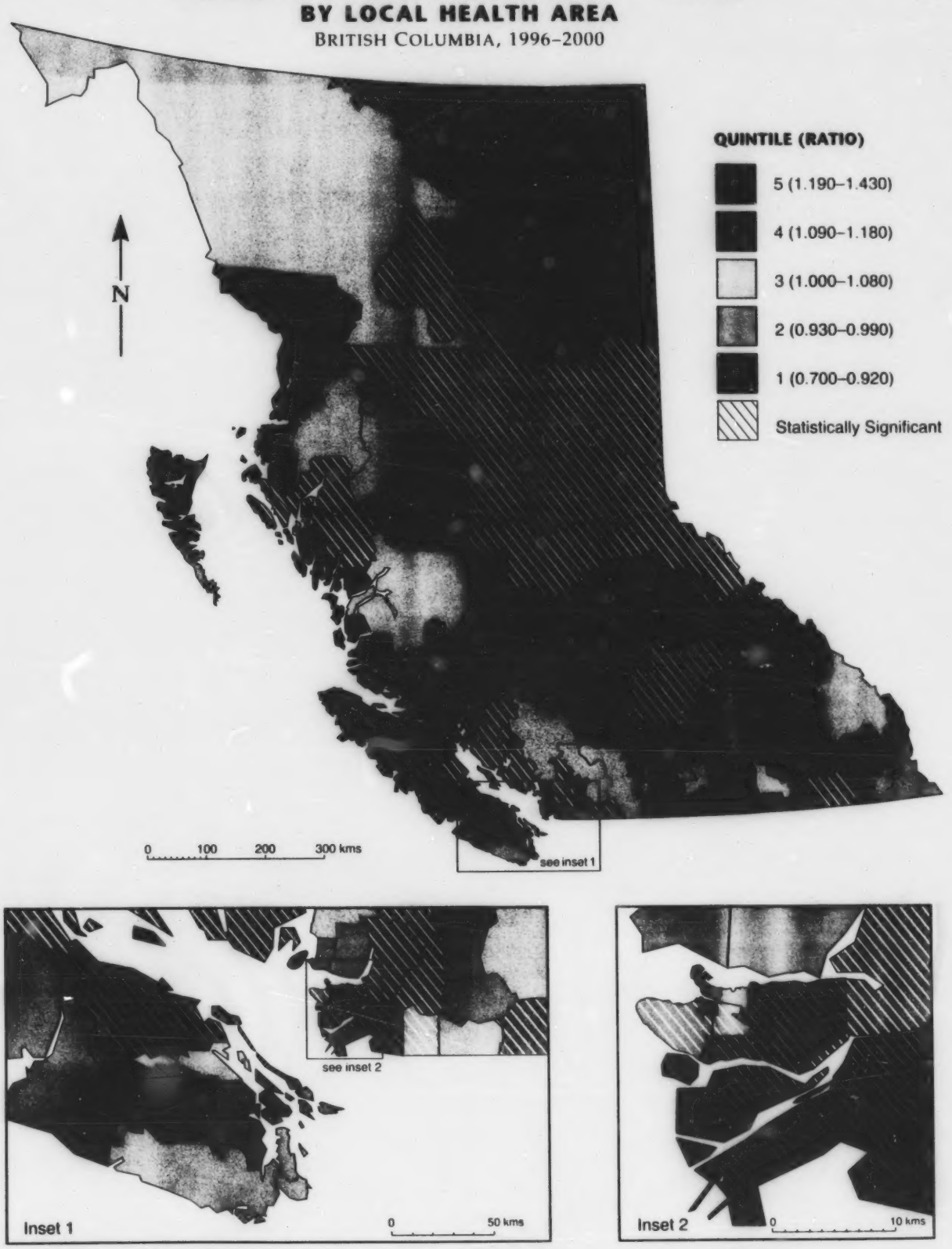
		1996–2000				2001				
	Local Health Area	Observed Births	Ratio (p)	Percent	Total Live Births	Observed Births	Expected Births	Ratio (p)	Percent	Total Live Births
001	Fernie	231	0.98	32.4	713	61	40.4	1.51 *	50.0	122
002	Cranbrook	383	0.92	30.3	1,262	73	77.5	0.94	31.2	234
003	Kimberley	135	1.22 *	40.3	335	23	17.5	1.31	43.4	53
004	Windermere	135	1.03	33.8	399	21	20.5	1.02	33.9	62
005	Creston	257	1.18 *	38.9	661	47	42.7	1.10	36.4	129
006/007	Kootenay Lake/Nelson	517	1.21 *	40.0	1,294	84	81.8	1.03	34.0	247
009	Castlegar	202	1.03	34.1	593	43	34.8	1.24	41.0	105
010	Arrow Lakes	92	1.14	37.7	244	20	15.6	1.29	42.6	47
011	Trail	336	1.19 *	39.3	855	54	49.6	1.09	36.0	150
012/013	Grand Forks/Kettle Valley	146	0.92	30.2	484	23	31.4	0.73	24.2	95
014	Southern Okanagan	274	1.09	35.8	765	37	46.7	0.79	26.2	141
015	Penticton	605	1.07	35.1	1,724	93	96.0	0.97	32.1	290
016	Keremeos	67	0.87	28.6	234	16	13.9	1.15	38.1	42
017	Princeton	74	1.21	39.8	186	11	9.6	1.15	37.9	29
018	Golden	176	1.43 *	47.2	373	32	23.5	1.36	45.1	71
019	Revelstoke	125	0.85	27.8	449	28	28.5	0.98	32.6	86
020	Salmon Arm	410	0.99	32.7	1,254	77	72.5	1.06	35.2	219
021	Armstrong–Spallumcheen	124	0.90	29.7	417	32	28.1	1.14	37.6	85
022	Vernon	857	0.95	31.4	2,731	190	187.0	1.02	33.6	565
023	Central Okanagan	2,094	0.91 *	30.0	6,987	418	450.5	0.93	30.7	1,361
024	Kamloops	1,810	1.09 *	36.0	5,034	334	282.7	1.18 *	39.1	854
025	100 Mile House	285	1.19 *	39.3	725	37	33.1	1.12	37.0	100
026	North Thompson	87	0.96	31.6	275	24	15.9	1.51	50.0	48
027	Cariboo–Chilcotin	843	1.39 *	45.7	1,843	147	104.3	1.41 *	46.7	315
028	Quesnel	607	1.18 *	39.0	1,557	68	78.8	0.86	28.6	238
029	Lillooet	151	1.39 *	45.9	329	22	20.9	1.06	34.9	63
030	South Cariboo	143	1.15	37.8	378	13	18.9	0.69	22.8	57
031	Merritt	216	0.96	31.5	685	38	33.1	1.15	38.0	100
032	Hope	142	1.00	32.9	432	24	21.2	1.13	37.5	64
033	Chilliwack	1,514	1.09 *	36.1	4,197	324	265.5	1.22 *	40.4	802
034	Abbotsford	2,758	1.03	33.9	8,132	538	526.9	1.02	33.8	1,592
035	Langley	2,218	1.06 *	34.9	6,353	422	400.5	1.05	34.9	1,210
036	Surrey	6,860	0.84 *	27.8	24,716	1,382	1,602.6	0.86 *	28.5	4,842
037	Delta	1,564	0.88 *	28.9	5,421	258	315.1	0.82 *	27.1	952
038	Richmond	2,281	0.86 *	28.2	8,081	407	533.2	0.76 *	25.3	1,611
040	New Westminster	1,164	1.09 *	36.1	3,228	243	211.5	1.15 *	38.0	639
041	Burnaby	2,974	0.89 *	29.4	10,106	589	675.2	0.87 *	28.9	2,040
042	Maple Ridge	1,708	1.13 *	37.3	4,580	318	281.3	1.13 *	37.4	850
043	Coquitlam	4,071	1.11 *	36.5	11,148	809	710.6	1.14 *	37.7	2,147
044	North Vancouver	2,223	0.97	32.0	6,943	387	413.1	0.94	31.0	1,248
045	West Vancouver–Bowen Is.	504	0.99	32.5	1,552	97	98.0	0.99	32.8	296
046	Sunshine Coast	461	1.17 *	38.6	1,194	49	54.3	0.90	29.9	164
047	Powell River	333	1.12 *	37.0	899	53	47.7	1.11	36.8	144
048	Howe Sound	706	1.08	35.5	1,991	145	135.0	1.07	35.5	408
049	Bella Coola Valley	92	1.08	35.7	258	16	13.9	1.15	38.1	42
050	Queen Charlotte	138	1.11	36.4	379	21	22.5	0.93	30.9	68
051	Snow Country	15	0.76	25.0	60	4	2.6	1.51	50.0	8
052	Prince Rupert	388	0.91	30.0	1,292	73	72.2	1.01	33.5	218
053	Upper Skeena	165	1.23 *	40.4	408	40	27.1	1.47 *	48.8	82
054	Smithers	491	1.06	35.1	1,400	78	71.5	1.09	36.1	216
055/093	Burns Lake/Eutsuk	161	0.93	30.7	524	29	34.1	0.85	28.2	103
056	Nechako	520	1.18 *	39.0	1,332	79	78.1	1.01	33.5	236
057	Prince George	2,328	1.14 *	37.4	6,219	429	347.5	1.23 *	40.9	1,050
059	Peace River South	635	1.11 *	36.6	1,737	96	90.4	1.06	35.2	273
060	Peace River North	684	0.87 *	28.7	2,385	137	156.2	0.88	29.0	472
061	Greater Victoria	2,973	1.00	33.0	9,001	600	579.2	1.04	34.3	1,750
062	Sooke	1,012	1.03	34.0	2,973	213	199.9	1.07	35.3	604
063	Saanich	693	1.02	33.5	2,068	123	132.7	0.93	30.7	401
064	Gulf Islands	157	0.99	32.7	480	33	31.4	1.05	34.7	95
065	Cowichan	847	0.96	31.8	2,665	141	153.6	0.92	30.4	464
066	Lake Cowichan	117	1.13	37.4	313	12	15.2	0.79	26.1	46
067	Ladysmith	297	1.07	35.3	841	51	43.7	1.17	38.6	132
068	Nanaimo	1,917	1.34 *	44.0	4,358	398	272.4	1.46 *	48.4	823
069	Qualicum	558	1.28 *	42.3	1,320	121	81.4	1.49 *	49.2	246
070	Alberni	547	0.97	32.0	1,709	102	96.3	1.06	35.1	291
071	Courtenay	1,013	1.13 *	37.1	2,731	190	150.9	1.26 *	41.7	456
072/084	Campbell River/V.I. West	957	1.25 *	41.1	2,327	183	133.1	1.38 *	45.5	402
075	Mission	711	0.97	31.9	2,227	158	137.0	1.15	38.2	414
076	Agassiz–Harrison	132	1.02	33.6	393	36	28.1	1.28	42.4	85
077	Summerland	144	1.04	34.3	420	22	23.5	0.94	31.0	71
078	Enderby	122	0.96	31.6	386	22	21.8	1.01	33.3	66
080	Kitimat	281	1.16 *	38.1	737	32	34.4	0.93	30.8	104
081	Fort Nelson	122	0.70 *	23.2	526	12	26.8	0.45 *	14.8	81
083	Central Coast	52	1.22	40.3	129	6	5.3	1.13	37.5	16
085	Vancouver Island North	380	1.19 *	39.3	967	62	61.9	1.00	33.2	187
087/094	Stikine/Telegraph Creek	39	1.02	33.6	116	7	6.3	1.11	36.8	19
088	Terrace	542	1.05	34.6	1,568	98	92.3	1.06	35.1	279
092	Nisga'a	66	1.20	39.5	167	7	9.3	0.76	25.0	28
161	Vancouver City Centre	1,025	0.96	31.8	3,228	239	243.6	0.98	32.5	736
162	Vancouver Downtown E. Side	837	0.98	32.2	2,598	132	144.0	0.92	30.3	435
163	Vancouver North East	1,722	0.87 *	28.7	6,003	284	375.7	0.76 *	25.0	1,135
164	Vancouver West Side	1,504	0.94 *	31.0	4,856	312	349.2	0.89 *	29.6	1,055
165	Vancouver Midtown	1,752	0.93 *	30.8	5,691	302	339.3	0.89 *	29.5	1,025
166	Vancouver South	1,968	0.87 *	28.7	6,856	353	411.7	0.86 *	28.4	1,244
039	VANCOUVER TOTAL	8,809	0.91 *	30.1	29,240	1,622	1,863.5	0.87 *	28.8	5,630
	N.S	14	–	–	41	–	–	–	–	1
	PROVINCIAL TOTAL	70,082	1.00	32.9	215,456	13,364	13,364.00	1.00	33.1	40,376

Note: Observed births denotes live births with at least one perinatal complication code in ICD-9 (1996–1999) and ICD-10 (2000–2001). *Statistical testing indicates that observed number of births with perinatal complications is significantly different from the expected ($p<0.05$, two tailed). Ratio – observed over the expected. Percent of observed births is based on total live births. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated.

FIGURE 14

PERINATAL COMPLICATIONS IN LIVE BIRTHS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1996–2000



Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 20/FIGURE 14

- Of the 13 Local Health Areas (LHAs) with the statistically significant and high perinatal complication ratios in 2001 (number of births in parentheses), the five highest ratios were:

001	Fernie	1.51	(61)
069	Qualicum	1.49	(121)
053	Upper Skeena	1.47	(40)
068	Nanaimo	1.46	(398)
027	Cariboo–Chilcotin	1.41	(147)

- All above LHAs except for Fernie also had statistically significant and high ratios for the 1996–2000 period.
- There were nine LHAs with statistically significant and low perinatal complication ratios in 2001. The lowest six ratios (number of births in parentheses) were:

081	Fort Nelson	0.45	(12)
038	Richmond	0.76	(407)
163	Vancouver North East	0.76	(284)
037	Delta	0.82	(258)
036	Surrey	0.86	(1382)
166	Vancouver South	0.86	(353)

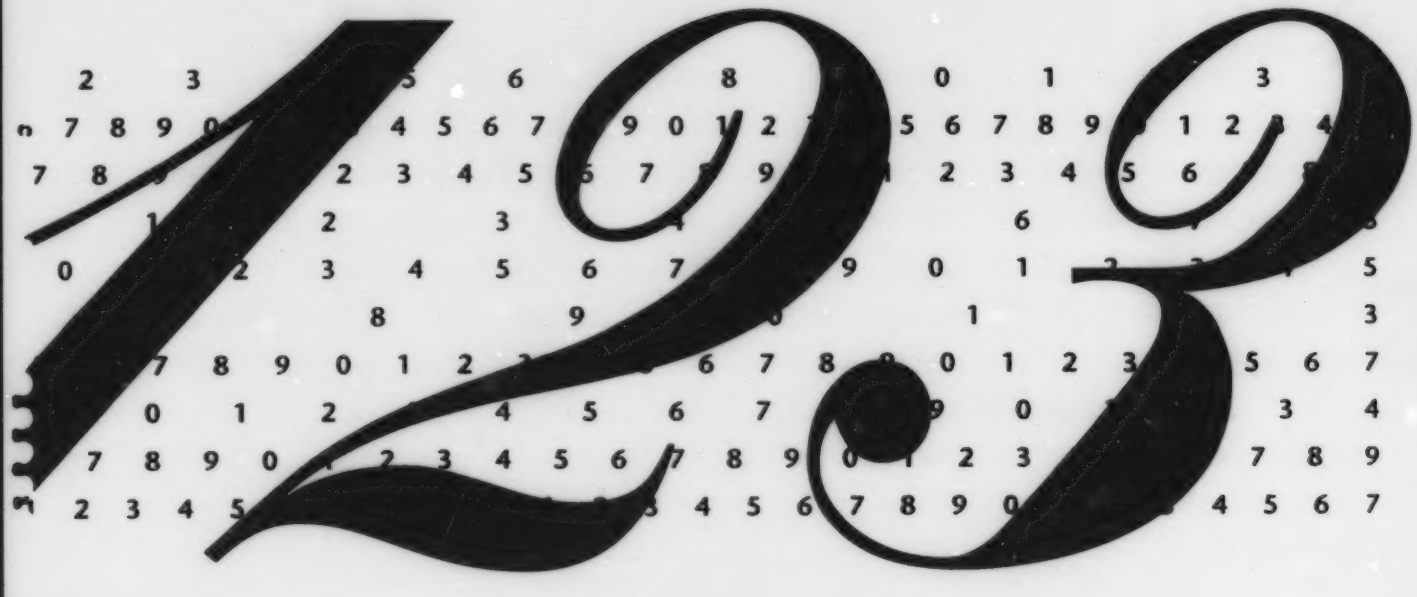
- All of the above LHAs also had statistically significant and low ratios for 1996–2000.
- There were 27 LHAs with statistically significant and high perinatal complication ratios in 1996–2000. The five LHAs with the highest ratios that were statistically significant (number of births in parentheses) were:

018	Golden	1.43	(176)
027	Cariboo–Chilcotin	1.39	(843)
029	Lillooet	1.39	(151)
068	Nanaimo	1.34	(1,917)
069	Qualicum	1.28	(558)

- There were 11 LHAs with statistically significant and low perinatal complication ratios in 1996–2000. The six LHAs with the lowest ratios that were statistically significant (number of births in parentheses) were:

081	Fort Nelson	0.70	(122)
036	Surrey	0.84	(6,860)
038	Richmond	0.86	(2,281)
060	Peace River North	0.87	(684)
163	Vancouver North East	0.87	(1,722)
166	Vancouver South	0.87	(1,968)

Death-related Statistics



Summary

Statistics arising from death events are presented in this section. Included are tables and figures containing information about deaths by age, gender and cause. Deaths are assigned to a Local Health Area (LHA) based on the usual residence of the decedent. Topics of particular interest are leading causes of death, infant mortality, alcohol-related, drug-induced and smoking-attributable causes, deaths from HIV disease, and deaths from accidents and violence. Mortality statistics are provided in terms of Age Standardized Mortality Rates (ASMR), Standardized Mortality Ratios (SMR), Potential Years of Life Lost (PYLL), and Potential Years of Life Lost Standardized Rate (PYLLSR). Standardized measures are used to compare deaths in different geographical areas by age, gender and cause. In addition, maps are provided to geographically illustrate various patterns of mortality in British Columbia.

Statistics from deaths in 2001 are summarized below:

- There were 28,164 deaths in British Columbia in 2001, 864 more deaths than the 27,300 in 2000 (see Table 1). More than half of all deaths in 2001 (52.1%) were males (14,661 deaths), and 13,503 deaths were females. Over three quarters (78.5%) of all 2001 deaths were seniors (age 65 or older), and the oldest age group (80 years of age or more) accounted for more than four out of every ten deaths (46.3%).
- The Age Standardized Mortality Rate (ASMR) for all causes of death in 2001 was 55.08 per 10,000 standard population. The 2001 ASMR for males was 68.02 and for females it was 44.52.
- Based on Table 22 categories, cancer (malignant neoplasms), cardiovascular disease and cerebro-vascular disease, the top three leading causes of death, were responsible for over sixty percent of the deaths in the province in 2001.
- Chronic lung disease was the fourth leading cause of death in 2001 for both genders combined (1,210 deaths) with an ASMR of 2.31 deaths per 10,000 standard population; however, based on ASMR, accidental deaths (2.36 per 10,000 standard population) ranked fourth in 2001 accounting for 1,060 deaths, and also ranked fourth (3.52 per 10,000 standard population) in 1996–2000.
- There were 159 infant deaths (under one year of age) and 281 stillbirths in 2001, a slight increase from the 149 infant deaths in 2000. There was no change in the number of stillbirths from 2000.
- The infant mortality rate for births with very low birth weight (less than 1,500 grams) was almost one in four (243.40 per 1,000 live births). The infant mortality rate for the babies with a gestational age of 20–27 weeks at birth was 451.22 per 1,000 live births, which reflects the low birth weight and fragile health of these babies.
- There were 1,422 deaths from accidents and violence among B.C. residents. Suicides and motor vehicle accidents each accounted for more than one in five of these deaths. Accidental falls accounted for about one fifth and accidental poisoning accounted for about one sixth of deaths from external causes.
- Out of the 28,164 deaths in B.C. in 2001, 11,050 were under age 75. An average of 16.7 years of life were lost per death under 75 years of age.
- There were 1,779 alcohol-related deaths in 2001. About one half of all alcohol related deaths were seniors (aged 65+) and a third were aged 45–64.
- There were 5,670 deaths that were attributed to smoking.
- There were 312 deaths in the province from drug-induced causes.

TABLE 21
CAUSES OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2001

ICD-10 Code(s)	Causes of Death	Gender	Age Group (in Years)										Total		
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Number	Percent	ASMR
A00–B99	Certain infectious and parasitic diseases	M	1	–	–	–	–	1	61	97	57	47	264	1.8	1.17
		F	–	2	1	–	–	–	17	26	54	73	173	1.3	0.62
		T	1	2	1	–	–	1	78	123	111	120	437	1.6	0.89
C00–D48	Neoplasms	M	–	–	3	4	10	7	104	943	2,013	1,176	4,260	29.1	19.60
		F	1	2	1	5	3	5	150	911	1,440	1,189	3,707	27.5	13.64
		T	1	2	4	9	13	12	254	1,854	3,453	2,365	7,967	28.3	16.18
D50–D89	Diseases of blood and blood-forming organs, certain immune mechanisms	M	–	–	–	1	1	–	4	8	14	15	43	0.3	0.20
		F	–	–	–	–	–	–	3	2	8	30	43	0.3	0.13
		T	–	–	–	1	1	–	7	10	22	45	86	0.3	0.17
E00–E90	Endocrine/nutritional/metabolic diseases	M	–	1	–	1	1	6	16	84	205	188	502	3.4	2.32
		F	1	1	1	–	2	1	6	41	155	288	496	3.7	1.62
		T	1	2	1	1	3	7	22	125	360	476	998	3.5	1.94
F00–F99	Mental and behavioural disorders	M	–	–	1	–	–	1	12	49	64	141	268	1.8	1.22
		F	–	–	–	–	–	1	8	14	62	323	408	3.0	1.15
		T	–	–	1	–	–	2	20	63	126	464	676	2.4	1.22
G00–G99	Diseases of the nervous system	M	2	–	–	3	1	3	18	75	179	237	518	3.5	2.40
		F	3	–	1	1	–	3	17	45	147	421	638	4.7	1.99
		T	5	–	1	4	1	6	35	120	326	658	1,156	4.1	2.18
H00–H59	Diseases of the eye and adnexa	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
H60–H95	Diseases of the ear and mastoid process	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	–	–	–	–
		T	–	–	–	–	–	–	–	–	–	–	–	–	–
I00–I99	Diseases of the circulatory system	M	–	2	–	1	3	1	71	643	1,824	2,372	4,917	33.5	22.72
		F	–	1	–	1	3	2	28	223	1,115	3,444	4,817	35.7	14.36
		T	–	3	–	2	6	3	99	866	2,939	5,816	9,734	34.6	18.10
J00–J99	Diseases of the respiratory system	M	2	1	1	–	–	1	11	94	526	801	1,437	9.8	6.70
		F	–	–	–	–	1	–	8	54	350	967	1,380	10.2	4.15
		T	2	1	1	–	1	1	19	148	876	1,768	2,817	10.0	5.20
K00–K93	Diseases of the digestive system	M	–	1	–	–	1	1	34	148	187	166	538	3.7	2.45
		F	–	–	–	–	–	2	15	86	172	295	570	4.2	1.91
		T	–	1	–	–	1	3	49	234	359	461	1,108	3.9	2.17
L00–L99	Diseases of the skin and subcutaneous tissue	M	–	–	–	–	–	–	1	1	4	17	23	0.2	0.11
		F	–	–	–	–	–	–	–	1	9	13	23	0.2	0.07
		T	–	–	–	–	–	–	1	2	13	30	46	0.2	0.08
M00–M99	Diseases of the musculoskeletal system and connective tissue	M	–	–	–	–	–	–	2	13	23	26	64	0.4	0.29
		F	–	1	–	–	–	1	4	17	31	82	136	1.0	0.44
		T	–	1	–	–	–	1	6	30	54	108	200	0.7	0.38
N00–N99	Diseases of the genitourinary system	M	–	–	–	–	–	1	7	17	80	149	254	1.7	1.18
		F	–	–	–	–	–	–	2	22	76	174	274	2.0	0.85
		T	–	–	–	–	–	1	9	39	156	323	528	1.9	0.98
O00–O99	Complications of pregnancy, childbirth and the puerperium	M	–	–	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	2	–	–	–	2	0.0	+
		T	–	–	–	–	–	–	2	–	–	–	2	0.0	+
P00–P96	Certain conditions originating in the perinatal period	M	47	–	–	–	–	–	–	–	1	1	49	0.3	0.34
		F	34	–	–	–	–	–	–	–	–	–	34	0.3	0.25
		T	81	–	–	–	–	–	–	–	1	1	83	0.3	0.30
Q00–Q99	Congenital anomalies	M	21	2	–	4	1	–	6	11	2	2	49	0.3	0.28
		F	28	2	2	–	2	2	2	5	3	4	50	0.4	0.31
		T	49	4	2	4	3	2	8	16	5	6	99	0.4	0.30
R00–R99	Symptoms, signs and ill-defined conditions, unknown causes	M	12	2	2	5	19	30	167	144	68	51	500	3.4	2.40
		F	6	5	3	–	14	15	61	77	34	90	305	2.3	1.24
		T	18	7	5	5	33	45	228	221	102	141	805	2.9	1.81
V01–Y98	External causes	M	1	3	4	10	36	79	353	275	99	115	975	6.7	4.65
		F	–	4	5	4	22	21	101	86	51	153	447	3.3	1.78
		T	1	7	9	14	58	100	454	361	150	268	1,422	5.0	3.19
	All causes	M	86	12	11	29	73	131	867	2,602	5,346	5,504	14,661	100.0	68.02
		F	73	18	14	11	47	53	424	1,610	3,707	7,546	13,503	100.0	44.52
	PROVINCIAL TOTAL	T	159	30	25	40	120	184	1,291	4,212	9,053	13,050	28,164	100.0	55.06

Note: ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census). Total percentage may not add up to 100 due to rounding. + Denotes the number of cases is less than five. Non-residents and gender unknown are excluded. The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 21

- There were 28,164 deaths in British Columbia in 2001, 864 more deaths than the 27,300 in 2000 (see Table 1). More than half of all deaths in 2001 (52.1%) were males (14,661 deaths), and 13,503 deaths were females. Over three quarters (78.5%) of all 2001 deaths were seniors (age 65 or older), and the oldest age group (80 years of age or more) accounted for more than four out of every ten deaths (46.3%).
- The Age Standardized Mortality Rate (ASMR) for all causes of death in 2001 was 55.08 per 10,000 standard population. The 2001 ASMR for males was 68.02 and for females it was 44.52.
- Circulatory system diseases were responsible for more than a third (34.6%) of all deaths in 2001 (9,734). It was the leading cause of death of the elderly aged 80 or older (5,816 deaths) who accounted for more than half (59.7%) of the deaths from this cause. The ASMR for circulatory system diseases was 18.10 per 10,000 standard population.
- More than one in four deaths (28.3%) in 2001 was due to neoplasms, including cancer and non-malignant neoplasms (7,967 deaths). The total ASMR for neoplasms was 16.18 per 10,000 standard population.
- In 2001, one in ten deaths (10.0%) was due to respiratory system diseases (2,817), and the ASMR for respiratory system diseases was 5.20 per 10,000 standard population. These deaths, including pneumonia/influenza and chronic lung disease, tend to occur in older age groups. In 2001, 93.9% of deaths from respiratory system diseases were seniors (age 65 and over).
- External causes of death, also referred to as accidents and violence, claimed 1,422 lives in 2001, of which more than two thirds (68.6%) were males. External causes claimed many young lives, in contrast to the older age profile of deaths from natural causes. Unintentional injury/accident was the leading cause of death category in all age groups under 45 years of age except for infants (under one year of age), where the most common cause of death was perinatal conditions (see Table 23).

TABLE 22
TWELVE LEADING CAUSES OF DEATH[1]
BRITISH COLUMBIA, 1996–2000 AND 2001

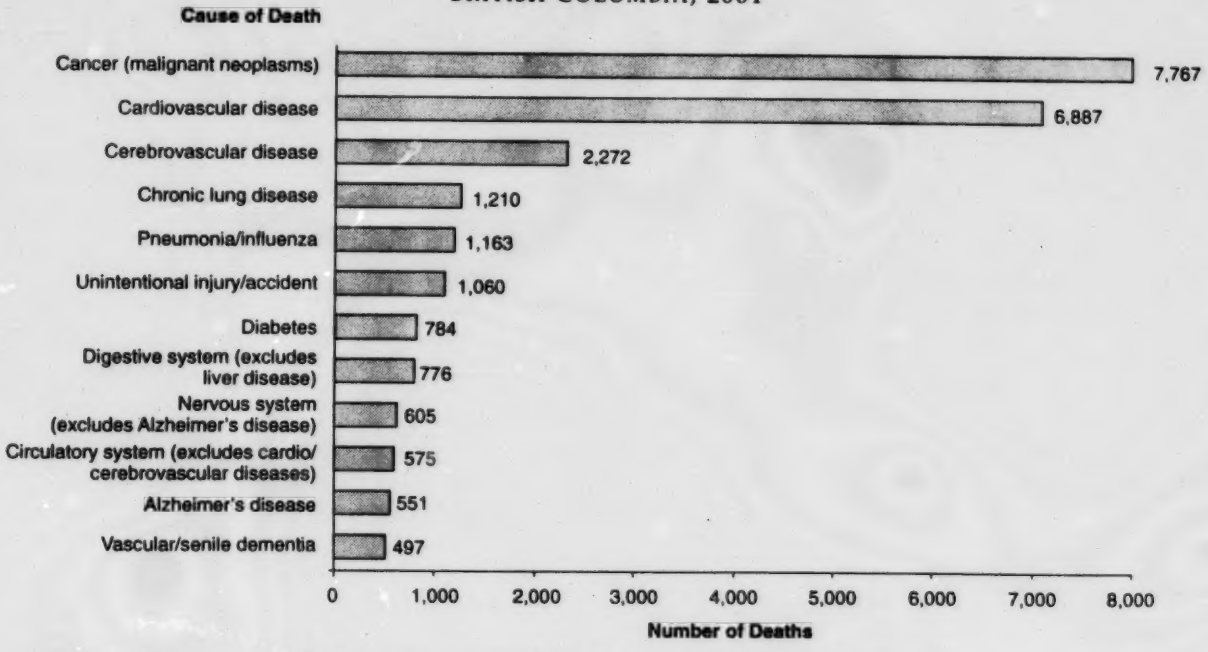
Cause of Death	ICD-10 (Codes)	1996–2000				2001			
		Number	Rank	ASMR	Rank	Number	Rank	ASMR	Rank
Cancer (malignant neoplasms)	C00–C97	37,230	1	16.51	1	7,767	1	15.79	1
Cardiovascular disease	I00–I51	35,591	2	15.02	2	6,887	2	12.87	2
Cerebrovascular disease	I60–I69	11,239	3	4.67	3	2,272	3	4.13	3
Chronic lung disease	J40–J44	5,865	6	2.48	6	1,210	4	2.31	5
Pneumonia/ influenza	J10–J18.1, J18.8–J18.9	6,553	5	2.68	5	1,163	5	2.05	6
Unintentional injury/accident	V01–X59, Y40–Y86, Y88	7,464	4	3.52	4	1,060	6	2.36	4
Diabetes	E10–E14	3,044	8	1.32	8	784	7	1.53	7
Digestive system (excludes liver disease)	K00–K67, K80–K93	3,367	7	1.42	7	776	8	1.46	8
Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	2,431	10	1.07	10	605	9	1.21	9
Circulatory system (excludes cardio/ cerebrovascular diseases)	I70–I99	2,951	9	1.25	9	575	10	1.09	10
Alzheimer's disease	G30	2,095	11	0.85	11	551	11	0.97	11
Vascular/senile dementia	F01, F03	2,031	12	0.81	12	497	12	0.85	12
Other causes[2]		17,752		8.07		4,017		8.46	
TOTAL (All causes of death)		137,613		59.68		28,164		55.08	

Note: [1]Leading causes of death relate to categories most often queried at the Vital Statistics Agency.
[2]Other causes includes undetermined and pending.
ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).
The number of deaths in 2001 determined the order in which the causes of death are presented.
Non-residents are excluded. The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time.
Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 15

TWELVE LEADING CAUSES OF DEATH

BRITISH COLUMBIA, 2001



Note: Leading causes of death relate to categories most often queried at the Vital Statistics Agency.

HIGHLIGHTS TO TABLE 22/FIGURE 15

- The twelve leading causes of death for British Columbia, presented in this table, are based on the categories most frequently queried at the Vital Statistics Agency. In recent years, cancers, cardiovascular disease and cerebrovascular disease have been the top three leading causes of death in the province, when ranked either by number of deaths or by age standardized mortality rates (ASMR). These three leading causes were responsible for over sixty percent (60.1%) of the deaths in the province in 2001. The order of leading causes shown in this table is ranked by number of deaths.
- More than one in four deaths (27.6%) in the province in 2001 were due to cancer (7,767 deaths). The ASMR for cancer in 2001 was 15.79 deaths per 10,000 standard population, slightly lower than the five year (1996–2000) ASMR of 16.51.
- Cardiovascular disease was the second leading cause of death in 2001, accounting for almost one quarter (24.5%) of all deaths (6,887) with an ASMR of 12.87, a decrease from 15.02 for the 1996–2000 period.
- The third leading cause of death was cerebrovascular disease (2,272 deaths) causing one in twelve deaths (8.1%). The 2001 ASMR for cerebrovascular disease (4.13) was slightly below the 1996–2000 ASMR (4.67).
- Chronic lung disease was the fourth leading cause of death in 2001 (1,210 deaths) with an ASMR of 2.31 deaths per 10,000 standard population. Chronic lung disease was the sixth leading cause of death in the 1996–2000 period with an ASMR of 2.48.
- Deaths from pneumonia/influenza were the fifth leading cause of death in 2001 (1,163 deaths). The 2001 ASMR for pneumonia/influenza was 2.05, slightly lower than the 1996–2000 ASMR of 2.68.

TABLE 23
LEADING CAUSES OF DEATH BY AGE AND GENDER
BRITISH COLUMBIA, 2001

Cause of Death	ICD-10 Code(s)	Males		Females		Total	
		Number	Percent	Number	Percent	Number	Percent
Under 1 Year Old							
1. Perinatal conditions	P00–P99	47	54.7	34	46.6	81	50.9
2. Congenital anomalies	Q00–Q99	21	24.4	28	38.4	49	30.8
3. Sudden infant death syndrome (SIDS)	R95	7	8.1	3	4.1	10	6.3
4. Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	2	2.3	3	4.1	5	3.1
5. Pneumonia/influenza (+)	J10–J18.1, J18.8–J18.9	1	1.2	–	–	1	0.6
Other causes		8	9.3	5	6.8	13	8.2
All causes		**86**	**100.0**	**73**	**100.0**	**159**	**100.0**
1–14 Years Old							
1. Unintentional injury/ accident	V01–X59, Y40–Y86, Y88	15	28.8	13	30.2	28	29.5
2. Cancer (malignant neoplasms)	C00–C97	7	13.5	6	14.0	13	13.7
3. Congenital anomalies	Q00–Q99	6	11.5	4	9.3	10	10.5
4. Nervous system (excludes Alzheimer's disease)	G00–G26, G31–G99	3	5.8	2	4.7	5	5.3
5. Cardiovascular disease	I00–I51	3	5.8	2	4.7	5	5.3
Other causes[1]		18	34.6	16	37.2	34	35.8
All causes		**52**	**100.0**	**43**	**100.0**	**95**	**100.0**
15–24 Years Old							
1. Unintentional injury/ accident	V01–X59, Y40–Y86, Y88	89	43.6	39	39.0	128	42.1
2. Cancer (malignant neoplasms)	C00–C97	16	7.8	8	8.0	24	7.9
3. Suicide	X60–X84, Y87.0	19	9.3	1	1.0	20	6.6
4. Homicide	X85–Y09, Y87.1	6	2.9	2	2.0	8	2.6
5. Cardiovascular disease (+)	I00–I51	4	2.0	3	3.0	7	2.3
Other causes		70	34.3	47	47.0	117	38.5
All causes		**204**	**100.0**	**100**	**100.0**	**304**	**100.0**
25–44 Years Old							
1. Unintentional injury/ accident	V01–X59, Y40–Y86, Y88	244	28.1	62	14.6	306	23.7
2. Cancer (malignant neoplasms)	C00–C97	98	11.3	146	34.4	244	18.9
3. Suicide	X60–X84, Y87.0	98	11.3	29	6.8	127	9.8
4. Cardiovascular disease	I00–I51	59	6.8	20	4.7	79	6.1
5. Infectious/parasitic diseases	A00–B99	61	7.0	17	4.0	78	6.0
Other causes[1]		307	35.4	150	35.4	457	35.4
All causes		**867**	**100.0**	**424**	**100.0**	**1,291**	**100.0**
45–64 Years Old							
1. Cancer (malignant neoplasms)	C00–C97	923	35.5	899	55.8	1,822	43.3
2. Cardiovascular disease	I00–I51	531	20.4	149	9.3	680	16.1
3. Unintentional injury/ accident	V01–X59, Y40–Y86, Y88	174	6.7	49	3.0	223	5.3
4. Liver diseases*	K70–K77	93	3.6	56	3.5	149	3.5
5. Cerebrovascular disease	I60–I69	80	3.1	62	3.9	142	3.4
Other causes[1]		801	30.8	395	24.5	1,196	28.4
All causes		**2,602**	**100.0**	**1,610**	**100.0**	**4,212**	**100.0**

(concluded on page 59)

TABLE 23 – *concluded*

LEADING CAUSES OF DEATH BY AGE AND GENDER

BRITISH COLUMBIA, 2001

Cause of Death	ICD-10 Code(s)	Males		Females		Total	
		Number	Percent	Number	Percent	Number	Percent
65–84 Years Old							
1. Cancer (malignant neoplasms)	C00–C97	2,580	33.6	1,957	32.3	4,537	33.0
2. Cardiovascular disease	I00–I51	2,041	26.6	1,398	23.1	3,439	25.0
3. Cerebrovascular disease	I60–I69	534	7.0	574	9.5	1,108	8.1
4. Chronic lung disease	J40–J44	461	6.0	314	5.2	775	5.6
5. Diabetes	E10–E14	242	3.2	211	3.5	453	3.3
Other causes[1]		1,814	23.6	1,606	26.5	3,420	24.9
All causes		**7,672**	**100.0**	**6,060**	**100.0**	**13,732**	**100.0**
85 Years and Older							
1. Cardiovascular disease	I00–I51	1,028	32.3	1,649	31.8	2,677	32.0
2. Cancer (malignant neoplasms)	C00–C97	524	16.5	602	11.6	1,126	13.5
3. Cerebrovascular disease	I60–I69	302	9.5	706	13.6	1,008	12.0
4. Pneumonia/influenza	J10–J18.1, J18.8–J18.9	242	7.6	415	8.0	657	7.8
5. Chronic lung disease	J40–J44	183	5.8	191	3.7	374	4.5
Other causes[1]		899	28.3	1,630	31.4	2,529	30.2
All causes		**3,178**	**100.0**	**5,193**	**100.0**	**8,371**	**100.0**

Note: [1]Other causes includes undetermined and pending.
*Includes alcoholic liver disease. (+) Denotes that this category was tied with other cause of death categories.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time.
Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 23

- There were 159 infant deaths (under one year of age) in 2001, an increase from 149 deaths in 2000 (see Table 4). Perinatal conditions were the leading cause of infant deaths (81 deaths) and congenital anomalies were second leading cause of infant deaths (49). Ten deaths from Sudden Infant Death Syndrome (SIDS) were recorded for 2001. This number may be amended in future reports as medical investigations are completed.
- There were 95 deaths of children in the 1–14 year age group in 2001. Unintentional injury/accident was the leading cause of death in this age group, with 28 deaths (15 boys and 13 girls or 53.6% males). Cancer, the second leading cause of death for this age group, claimed 13 young lives, 7 boys and 6 girls.
- Unintentional injury/accidents were responsible for 42.1% (128 deaths) of the 304 deaths in the 15–24 year age group. The second leading cause of death in this age group was cancer, which claimed 24 lives. Violence (homicides and suicides) claimed almost one in ten deaths (9.2%) in this age group; there were 20 suicides (the third leading cause of death) and 8 homicides (in fourth place).
- In the 25–44 year age group, there were 1,291 deaths in 2001. For men in this age group, the leading cause of death was unintentional injury/accident (244 deaths), followed by cancer and suicide, both with (98) deaths. For women in this age group, cancer was the leading cause of death (146 deaths), followed by unintentional injury/accident (62 deaths).
- The leading causes of death in the 45–64 year age group were cancer (1,822 deaths), cardiovascular disease (680), and unintentional injury/accidents (223). There were 2,602 male deaths and 1,610 female deaths in this age group. More than a third of the male deaths (35.5%) and more than half (55.8%) of female deaths in this age group were due to cancer (923 males and 899 female deaths).
- In 2001, cancer, cardiovascular disease, and cerebrovascular disease were the leading causes of death for both men and women in the 65–84 year age group. In total, these causes account for two thirds (66.2%) of all of the deaths in this age group.
- The leading causes of death in the 85 and over age group were cardiovascular disease, cancer and cerebrovascular disease. Deaths from cardiovascular diseases (2,677) accounted for a almost a third (32.0%) of the 8,371 deaths in this age group.

VITAL STATISTICS INFORMATION BOX

LIST OF 113 SELECTED CAUSES OF DEATH BY GENDER
BRITISH COLUMBIA, 2001

Number	Cause of Death	ICD-10 Code(s)	Male	Female	Total
3	Certain other intestinal infections	A04, A07–A09	8	19	27
4	Respiratory tuberculosis	A16	10	6	16
5	Other tuberculosis	A17–A19	2	2	4
8	Meningococcal infection	A39	1	4	5
9	Septicemia	A40–A41	67	60	127
14	Viral hepatitis	B15–B19	59	27	86
15	Human immunodeficiency virus (HIV) disease	B20–B24	89	20	109
16	Malaria	B50–B54	1	–	1
17	Other and unspecified infectious and parasitic diseases and their sequelae[1]	A00, ..., B55–B99	27	35	62
18	Malignant neoplasms of lip, oral cavity and pharynx	C00–C14	90	38	128
19	Malignant neoplasm of esophagus	C15	155	58	213
20	Malignant neoplasm of stomach	C16	160	76	236
21	Malignant neoplasms of colon, rectum and anus	C18–C21	373	343	716
22	Malignant neoplasms of liver and intrahepatic bile ducts	C22	150	76	226
23	Malignant neoplasm of pancreas	C25	216	247	463
24	Malignant neoplasm of larynx	C32	49	8	57
25	Malignant neoplasms of trachea, bronchus and lung	C33–C34	1,106	883	1,989
26	Malignant melanoma of skin	C43	65	34	99
27	Malignant neoplasm of breast	C50	6	600	606
28	Malignant neoplasm of cervix uteri	C53	–	45	45
29	Malignant neoplasms of corpus uteri and uterus, parts unspecified	C54–C55	–	75	75
30	Malignant neoplasm of ovary	C56	–	184	184
31	Malignant neoplasm of prostate	C61	537	–	537
32	Malignant neoplasms of kidney and renal pelvis	C64–C65	99	60	159
33	Malignant neoplasm of bladder	C67	127	59	186
34	Malignant neoplasms of meninges, brain and other parts of central nervous system	C70–C72	107	99	206
35	Hodgkin's disease	C81	4	5	9
36	Non-Hodgkin's lymphoma	C82–C85	190	129	319
37	Leukemia	C91–C95	152	107	259
38	Multiple myeloma and immunoproliferative neoplasms	C88, C90	69	50	129
39	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	2	3	5
40	All other and unspecified malignant neoplasms[2]	C17, ..., C97	491	423	914
41	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00–D48	112	88	200
42	Anemias	D50–D64	21	21	42
43	Diabetes mellitus	E10–E14	397	387	784
44	Malnutrition	E40–E46	10	10	20
45	Other nutritional deficiencies	E50–E64	2	9	11
46	Meningitis	G00, G03	8	2	10
47	Parkinson's disease	G20–G21	120	85	205
48	Alzheimer's disease	G30	178	373	551
49	Acute rheumatic fever and chronic rheumatic heart diseases	I00–I09	16	37	53
50	Hypertensive heart disease	I11	35	52	87
51	Hypertensive heart and renal disease	I13	6	7	13
52	Acute myocardial infarction	I21–I22	1,427	1,029	2,456
53	Other acute ischemic heart diseases	I24	19	10	29
54	Atherosclerotic cardiovascular disease, so described	I25.0	98	59	157
55	All other forms of chronic ischemic heart disease	I20, I25.1–I25.9	1,250	1,023	2,273
56	Acute and subacute endocarditis	I33	15	4	19
57	Diseases of pericardium and acute myocarditis	I30–I31, I40	5	6	11
58	Heart failure	I50	266	454	720
59	All other forms of heart disease	I26–I28, I34–I38, I42–I49, I51	483	478	961
60	Essential (primary) hypertension and hypertensive renal disease	I10, I12	46	62	108
61	Cerebrovascular diseases	I60–I69	924	1,348	2,272
62	Atherosclerosis	I70	69	72	141
63	Aortic aneurysm and dissection	I71	150	95	245
64	Other diseases of arteries, arterioles and capillaries	I72–I78	78	63	141
65	Other disorders of circulatory system	I80–I99	30	18	48
66	Influenza	J10–J11	13	15	28

(concluded on page 59)

Vital Statistics Information Box

(continued from page 58)

Number	Cause of Death	ICD-10 Code(s)	Male	Female	Total
67	Pneumonia	J12–J18	514	629	1,143
68	Acute bronchitis and bronchiolitis	J20–J21	2	–	2
69	Unspecified acute lower respiratory infection	J22	2	6	8
70	Bronchitis, chronic and unspecified	J40–J42	11	6	17
71	Emphysema	J43	77	32	109
72	Asthma	J45–J46	21	37	58
73	Other chronic lower respiratory diseases	J44,J47	599	504	1,103
74	Pneumoconioses and chemical effects	J60–J66, J68	6	1	7
75	Pneumonitis due to solids and liquids	J69	37	33	70
76	Other diseases of respiratory system	J00–J06, J30–J39, J67, J70–J98	155	117	272
77	Peptic ulcer	K25–K28	42	36	78
78	Diseases of appendix	K35–K38	5	–	5
79	Hernia	K40–K46	12	13	25
80	Alcoholic liver disease	K70	107	44	151
81	Other chronic liver disease and cirrhosis	K73–K74	57	54	111
82	Cholelithiasis and other disorders of the gallbladder	K80–K82	19	17	36
83	Acute and rapidly progressive nephritic and nephrotic syndrome	N00–N01, N04	2	3	5
84	Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02–N03, N05–N07, N26	6	2	8
85	Renal failure	N17–N19	183	161	344
86	Other disorders of kidney	N25, N27	–	1	1
87	Infections of kidney	N10–N12, N13.6, N15.1	5	9	14
88	Hyperplasia of prostate	N40	8	–	8
89	Inflammatory diseases of female pelvic organs	N70–N76	–	5	5
91	Other complications of pregnancy, childbirth and the puerperium	O10–O99	–	2	2
92	Certain conditions originating in the perinatal period	P00–P96	49	34	83
93	Congenital malformations, deformations and chromosomal abnormalities	Q00–Q99	49	50	99
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified*	R00–R99	500	305	805
95	All other diseases (Residual)[3]	D65–E07, ..., N80–N98	1,028	1,356	2,384
96	Motor vehicle accidents[4]	V02–V04, ..., V89.2	210	87	297
97	Other land transport accidents[5]	V01, ..., V89.9	13	3	16
98	Water, air and space, and other and unspecified transport accidents and their sequelae	V90–V99, Y85	41	1	42
99	Falls	W00–W19	149	147	296
100	Accidental discharge of firearms	W32–W34	5	–	5
101	Accidental drowning and submersion	W65–W74	26	8	34
102	Accidental exposure to smoke, fire and flames	X00–X09	13	9	22
103	Accidental poisoning and exposure to noxious substances	X40–X49	182	59	241
104	Other and unspecified nontransport accidents and their sequelae	W20–W31, W35–W64, W75–W99, X10–X39, X50–X59, Y86	58	41	99
105	Intentional self-harm (suicide) by discharge of firearms	X72–X74	69	5	74
106	Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60–X71, X75–X84, Y87.0	173	68	241
107	Assault (homicide) by discharge of firearms	X93–X95	5	1	6
108	Assault (homicide) by other and unspecified means and their sequelae	X85–X92, X96–Y09, Y87.1	16	8	24
111	Other and unspecified events of undetermined intent and their sequelae	Y10–Y21, Y25–Y34, Y87.2, Y89.9	10	7	17
113	Complications of medical and surgical care	Y40–Y84, Y88	5	3	8
	Total all causes of death		**14,661**	**13,503**	**28,164**

Note: This table includes causes of death published by Statistics Canada. Those causes with no deaths recorded in BC are not shown. The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.
Total includes seven cases (female) with unknown cause of death. *Includes undetermined and pending. ICD-10 Codes included are:
[1]A00, A05, A20–A36, A42–A44, A48–A49, A54–A79, A81–A82, A85.0–A85.1, A85.8, A86–B04, B06–B09, B25–B49, B55–B99
[2]C17, C23–C24, C26–C31, C37–C41, C44–C49, C51–C52, C57–C60, C62–C63, C66, C68–C69, C73–C80, C97
[3]D65–E07, E15–E34, E65–F99, G04–G12, G23–G25, G31–H93, K00–K22, K29–K31, K50–K66, K71–K72, K75–K76, K83–M99, N13.0–N13.5, N13.7–N13.9, N14, N15.0, N15.8–N15.9, N20–N23, N28–N39, N41–N64, N80–N98
[4]V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2
[5]V01, V05–V06, V09.1, V09.3–V09.9, V10–V11, V15–V18, V19.3, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V87.9, V88.9, V89.1, V89.3, V89.9

TABLE 24
INFANT MORTALITY BY AGE OF MOTHER AND BIRTH WEIGHT
BRITISH COLUMBIA, 2001

Age of Mother	Birth Weight (in Grams)				Total		
	<1500	1500–2499	2500+	N.S.	Number	Percent	Rate
<20	6	2	7	–	15	9.4	8.45
20–24	13	2	11	–	26	16.4	4.22
25–29	27	6	17	–	50	31.4	4.34
30–34	19	6	14	–	39	24.5	3.01
35–39	12	2	7	–	21	13.2	3.16
40+	6	–	1	–	7	4.4	5.34
N.S.	–	–	–	1	1	0.6	
TOTAL	**83**	**18**	**57**	**1**	**159**	**100.0**	**3.94**
Percent	**52.2**	**11.3**	**35.8**	**0.6**	**100.0**		
Rate	**243.40**	**10.80**	**1.49**		**3.94**		

Note: Infant Mortality – Age at death less than one year.
Rate per 1,000 live births in the specified age or birth weight group.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents and gender unknown are excluded.
N.S. – Not stated.

HIGHLIGHTS TO TABLE 24

- There were 159 infant deaths (under one year of age) in 2001, for an infant mortality rate of 3.94 infant deaths per 1,000 live births.
- In 2001, the highest infant mortality rate shown in this table was 8.45 deaths per 1,000 live births for mothers aged <20 years of age and the lowest rate was 3.01 for mothers aged 30–34.
- Low birth weight (less than 2,500 grams) and very low birth weight (less than 1,500 grams) are risk factors for infant mortality. Almost two thirds (63.5%) of the infants who died in 2001 had low birth weight (101 infant deaths), and more than half (52.2%) had very low birth weight (83).
- For births with very low birth weight (less than 1,500 grams), the infant mortality rate was 243.40 per 1,000 live births, almost one in four. The mortality rate decreased significantly with increased birth weight; there were 10.80 infant deaths per 1,000 live births with birth weight between 1,500 and 2,499 grams, and only 1.49 infant deaths for every 1,000 live births with normal birth weight (2,500 grams or more).

TABLE 25
INFANT MORTALITY BY GESTATIONAL AGE AND BIRTH WEIGHT
BRITISH COLUMBIA, 2001

Gestational Age (In Weeks)	Birth Weight (in Grams)				Total		
	<1500	1500–2499	2500+	N.S.	Number	Percent	Rate
<20	2	–	–	–	2	1.3	+
20–27	73	1	–	–	74	46.5	451.22
28–36	8	8	7	–	23	14.5	9.03
37–41	–	9	49	–	58	36.5	1.56
42+	–	–	1	–	1	0.6	+
N.S.	–	–	–	1	1	0.6	
TOTAL	**83**	**18**	**57**	**1**	**159**	**100.0**	**3.94**
Percent	**52.2**	**11.3**	**35.8**	**0.6**	**100.0**		
Rate	**243.40**	**10.80**	**1.49**		**3.94**		

Note: Infant Mortality – Age at death less than one year.
Rate per 1,000 live births in the specified age or birth weight group.
+ Denotes the number of cases is less than five.
Total percentage may not add up to 100 due to rounding.
Non-residents and gender unknown are excluded.
N.S. – Not stated.

HIGHLIGHTS TO TABLE 25

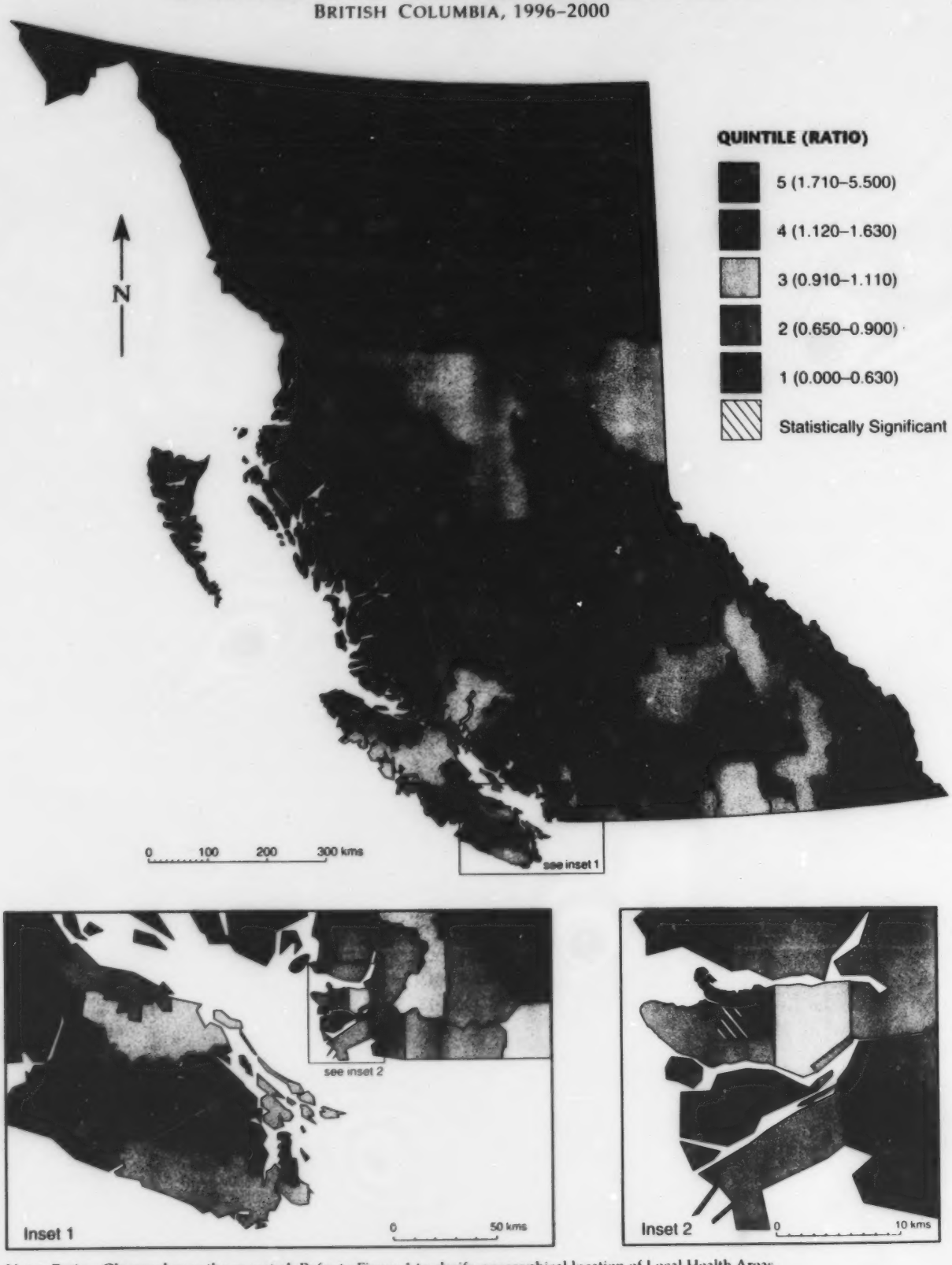
- Prematurity (less than 37 weeks of gestation) and low birth weight (less than 2,500 grams at birth) are both important risk factors for infant mortality. About two thirds of infant deaths were premature (62.3%) or had low birth weight (63.5%), and 57.9% were both premature and low birth weight.
- In 2001, of the 159 infant deaths in the province, 58 were term (gestational age 37–41 weeks), one was post-term (42 weeks or more), 99 were premature (gestational age less than 37 weeks), and the gestational age of the remaining one was unknown. Among term babies, there were 1.56 infant deaths per 1,000 live births with normal gestational age. The infant mortality rate rose dramatically for premature infants; there were 9.03 infant deaths per 1,000 live births with a gestational age of 28 to 36 weeks, and 451.22 deaths per 1,000 live births with 20 to 27 weeks of gestation.
- Of the 99 infant deaths that were premature, 92 were also low birth weight babies, and 75 of these were both extremely premature (gestational age of less than 28 weeks at birth) and very low birth weight (less than 1,500 grams).

INFANT MORTALITY BY LOCAL HEALTH AREA

Local Health Area		1996–2000 Observed Deaths	Ratio (p)	Rate	2001 Age at Death (in Days) 0–6	0–27	28–364	Total Number	Total Rate
001	Fernie	1	0.33	1.40	–	–	–	–	–
002	Cranbrook	6	1.12	4.75	–	–	–	–	–
003	Kimberley	1	0.71	2.99	–	–	–	–	–
004	Windermere	1	0.59	2.51	1	1	–	1	16.13
005	Creston	6	2.15	9.08	–	–	–	–	–
006/007	Kootenay Lake/Nelson	6	1.10	4.64	–	1	1	2	8.10
009	Castlegar	5	1.99	8.43	–	–	–	–	–
010	Arrow Lakes	2	1.94	8.20	–	–	–	–	–
011	Trail	4	1.11	4.68	–	–	–	–	–
012/013	Grand Forks/Kettle Valley	2	0.98	4.13	–	–	–	–	–
014	Southern Okanagan	3	0.93	3.92	–	–	–	–	–
015	Penticton	6	0.82	3.48	–	–	1	1	3.45
016	Keremeos	–	–	–	1	1	–	1	23.81
017	Princeton	4	5.09 +	21.51	–	–	–	–	–
018	Golden	–	–	–	–	–	1	1	14.08
019	Revelstoke	2	1.05	4.45	–	–	–	–	–
020	Salmon Arm	4	0.75	3.19	–	1	–	1	4.57
021	Armstrong–Spallumcheen	1	0.57	2.40	–	–	–	–	–
022	Vernon	8	0.69	2.93	–	–	1	1	1.77
023	Central Okanagan	26	0.88	3.72	4	4	3	7	5.14
024	Kamloops	20	0.94	3.97	4	4	–	4	4.68
025	100 Mile House	5	1.63	6.90	–	–	–	–	–
026	North Thompson	3	2.58	10.91	–	–	–	–	–
027	Cariboo–Chilcotin	6	0.77	3.26	1	2	2	4	12.70
028	Quesnel	10	1.52	6.42	2	2	–	2	8.40
029	Lillooet	–	–	–	1	1	–	1	15.87
030	South Cariboo	1	0.63	2.65	–	–	1	1	17.54
031	Merritt	4	1.38	5.84	1	1	–	1	10.00
032	Hope	5	2.74	11.57	–	–	–	–	–
033	Chilliwack	17	0.96	4.05	1	2	2	4	4.99
034	Abbotsford	24	0.70	2.95	4	6	1	7	4.40
035	Langley	22	0.82	3.46	3	3	1	4	3.31
036	Surrey	119	1.14	4.81	14	18	4	22	4.54
037	Delta	19	0.83	3.50	1	1	1	2	2.10
038	Richmond	40	1.17	4.95	6	6	–	6	3.72
040	New Westminster	10	0.73	3.10	–	–	–	–	–
041	Burnaby	43	1.01	4.25	7	10	3	13	6.37
042	Maple Ridge	18	0.93	3.93	2	3	–	3	3.53
043	Coquitlam	36	0.76	3.23	4	4	1	5	2.33
044	North Vancouver	19	0.65	2.74	4	5	–	5	4.01
045	West Vancouver–Bowen Is.	2	0.30	1.29	1	1	–	1	3.38
046	Sunshine Coast	3	0.59	2.51	–	–	–	–	–
047	Powell River	7	1.84	7.79	2	3	–	3	20.83
048	Howe Sound	4	0.48	2.01	3	3	–	3	7.35
049	Bella Coola Valley	3	2.75	11.63	–	1	–	1	23.81
050	Queen Charlotte	4	2.50	10.55	–	–	–	–	–
051	Snow Country	1	3.94	16.67	–	–	–	–	–
052	Prince Rupert	4	0.73	3.10	1	1	–	1	4.59
053	Upper Skeena	3	1.74	7.35	–	–	–	–	–
054	Smithers	11	1.86	7.86	–	–	–	–	–
055/093	Burns Lake/Eutsuk	5	2.26	9.54	1	1	–	1	9.71
056	Nechako	6	1.07	4.50	–	1	–	1	4.24
057	Prince George	34	1.29	5.47	2	2	–	2	1.90
059	Peace River South	7	0.95	4.03	2	2	–	2	7.33
060	Peace River North	6	0.59	2.52	–	–	–	–	–
061	Greater Victoria	38	1.00	4.22	4	5	2	7	4.00
062	Sooke	13	1.03	4.37	–	–	–	–	–
063	Saanich	5	0.57	2.42	1	1	1	2	4.99
064	Gulf Islands	2	0.99	4.17	–	–	–	–	–
065	Cowichan	13	1.15	4.88	–	–	1	1	2.16
066	Lake Cowichan	2	1.51	6.39	–	–	–	–	–
067	Ladysmith	–	–	–	–	1	–	1	7.58
068	Nanaimo	17	0.92	3.90	3	3	1	4	4.86
069	Qualicum	5	0.90	3.79	–	–	1	1	4.07
070	Alberni	10	1.38	5.85	–	–	1	1	3.44
071	Courtenay	15	1.30	5.49	2	3	1	4	8.77
072/084	Campbell River/V.I. West	9	0.91	3.87	2	2	–	2	4.98
075	Mission	7	0.74	3.14	1	3	–	3	7.25
076	Agassiz–Harrison	1	0.60	2.54	–	–	–	–	–
077	Summerland	2	1.13	4.76	1	1	–	1	14.08
078	Enderby	6	3.68 *	15.54	–	–	–	–	–
080	Kitimat	4	1.28	5.43	–	–	–	–	–
081	Fort Nelson	5	2.25	9.51	–	–	–	–	–
083	Central Coast	3	5.50 +	23.26	1	1	–	1	62.50
085	Vancouver Island North	7	1.71	7.24	1	1	2	3	16.04
087/094	Stikine/Telegraph Creek	–	–	–	–	–	–	–	–
088	Terrace	4	0.60	2.55	–	–	–	–	–
092	Nisga'a	1	1.42	5.99	–	–	–	–	–
161	Vancouver City Centre	8	0.59	2.48	–	–	–	–	–
162	Vancouver Downtown E. Side	17	1.55	6.54	1	1	–	1	2.30
163	Vancouver North East	33	1.30	5.50	3	3	2	5	4.41
164	Vancouver West Side	14	0.68	2.88	2	3	–	3	2.84
165	Vancouver Midtown	37	1.54 *	6.50	3	3	1	4	3.90
166	Vancouver South	24	0.83	3.50	1	1	–	1	0.80
039	**VANCOUVER TOTAL**	133	1.08	4.55	10	11	3	14	2.49
	N.S.	–			–	–	–	–	
	PROVINCIAL TOTAL	911	1.00	4.23	99	123	36	159	3.94

Note: *Statistical testing indicates that observed deaths are signficantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. Rate per 1,000 live births in the specified Local Health Area. Ratio – observed over the expected deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents and gender unknown are excluded. N.S. – Not stated.

FIGURE 16
INFANT MORTALITY BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1996–2000



Note: Ratio – Observed over the expected. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 26/FIGURE 16

- There were 3.94 infant deaths per 1,000 live births in 2001. This infant mortality rate was below the rate for the 1996–2000 period (4.23).
- Only nine Local Health Areas (LHAs) had five or more infant deaths in 2001, and 33 LHAs had no infant deaths in 2001. The highest infant mortality rate in 2001 (based on five or more infant deaths) was 6.37 in Burnaby LHA (13 infant deaths), and the lowest was 2.33 in Coquitlam LHA (5 infant deaths).
- There were two LHAs with infant mortality ratio that were statistically significant and high in 1996–2000, based on at least five deaths (with number of deaths in parentheses, and rate):

078	Enderby	3.68	(6)	15.54
165	Vancouver Midtown	1.54	(37)	6.50

- There were no LHAs with infant mortality ratios that were statistically significant and low in 1996–2000.
- Five LHAs had no infant deaths in 1996–2000.

VITAL STATISTICS INFORMATION BOX

STATUS INDIAN INFANT MORTALITY RATE BY HEALTH SERVICE DELIVERY AREA

Regional Analysis of Health Statistics for Status Indians in British Columbia, 1991–2001, Birth Related and Mortality Summaries, British Columbia and Health Service Delivery Areas (available fall 2002) presents health status indicators for the Status Indian population who were resident in the province, with comparisons to all other B.C. residents. Birth and death information was extracted from the British Columbia Vital Statistics Agency's statistical database. Two other databases were used to identify Status Indians: the Indian Status Verification File of First Nations and Inuit Health Branch, Health Canada, and the British Columbia Medical Services Plan. Using an extensive computer matching process, a birth or death was considered to be a Status Indian event, if the individual was identified in any of the three sources. This definition of a Status Indian is not equivalent to broader terms such as Aboriginal or First Nations people.

Between 1991 and 2001, there were 320 Status Indian infant deaths (age at death under one year old) out of the 2,439 infant deaths in the province. Almost one out of every seven infant deaths was a Status Indian baby. The graph below provides infant mortality rates by Health Service Delivery Area (HSDA) for Status Indians and other B.C. residents. Seven HSDAs had higher Status Indian infant mortality rates than the province. These areas, in decreasing order, were HSDA 43 North Vancouver Island, 41 South Vancouver Island, 32 Vancouver, 42 Central Vancouver Island, 31 Richmond, 21 Fraser Valley, and 12 Kootenay–Boundary. The Status Indian infant mortality rate was higher than the infant mortality rate for other residents in all areas.

INFANT MORTALITY RATE BY HEALTH SERVICE DELIVERY AREA

STATUS INDIAN VS OTHER POPULATION

BRITISH COLUMBIA, 1991–2001

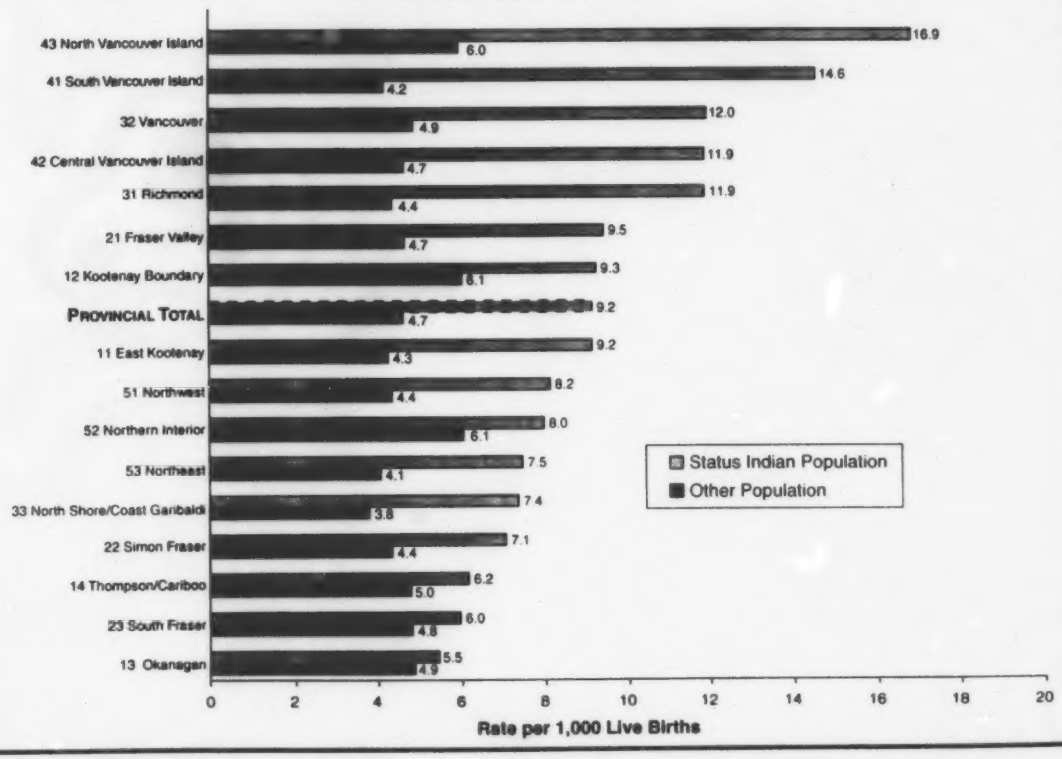


TABLE 27
SELECTED CAUSES OF INFANT DEATHS AND STILLBIRTHS
BRITISH COLUMBIA, 2001

Cause of Death	ICD-10 Code(s)	Infant Deaths – Age Group (in Days)					Stillbirths	
		<7	7–27	28–364	Total	Rate [1]	Number	Rate [2]
Congenital anomalies								
– of the nervous system	Q00–Q07	9	1	1	11	2.72	1	0.25
– of the eye, ear, face & neck	Q10–Q18	–	–	–	–	–	–	–
– of the heart and circulatory system	Q20–Q28	3	5	3	11	2.72	4	0.98
– of the respiratory system	Q30–Q34	3	1	–	4	0.99	–	–
– of the digestive system	Q35–Q45	–	–	1	1	0.25	–	–
– of the genital organs	Q50–Q56	–	–	–	–	–	–	–
– of the urinary system	Q60–Q64	1	–	–	1	0.25	–	–
– of the musculoskeletal system	Q65–Q79	4	1	1	6	1.49	4	0.98
Other and multiple system syndromes	Q80–Q89	2	2	2	6	1.49	1	0.25
Chromosomal anomalies	Q90–Q99	5	2	2	9	2.23	7	1.72
Total deaths due to congenital anomalies	**Q00–Q99**	**27**	**12**	**10**	**49**	**12.14**	**17**	**4.18**
Perinatal conditions								
Infant affected by maternal factors	P00–P04	32	–	–	32	7.93	116	28.53
Premature/postmature and fetal growth disorders	P05–P08	12	–	–	12	2.97	5	1.23
Birth trauma	P10–P15	–	–	–	–	–	–	–
Respiratory and cardiovascular disorders	P20–P29	17	3	2	22	5.45	7	1.72
Infections specific to the perinatal period	P35–P39	1	–	–	1	0.25	–	–
Hemorrhage and hematological disorders	P50–P61	6	1	1	8	1.98	3	0.74
Transitory endocrine and metabolic disorders	P70–P74	–	–	–	–	–	–	–
Digestive system disorders of fetus and newborn	P75–P78	–	–	1	1	0.25	–	–
Other disorders originating in the perinatal period	P80–P94, P96	4	1	–	5	1.24	91	22.38
Fetal death of unknown cause	P95	–	–	–	–	–	42	10.33
Total deaths due to perinatal conditions	**P00–P96**	**72**	**5**	**4**	**81**	**20.06**	**264**	**64.93**
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	–	–	1	1	0.25	–	–
Sudden infant death syndrome (SIDS)[3]	R95	–	3	7	10	2.48	–	–
Other causes[3]		–	4	14	18	4.46	–	–
TOTAL		**99**	**24**	**36**	**159**	**39.38**	**281**	**69.11**

Note: [1]Rate per 10,000 live births.
[2]Rate per 10,000 total births (live births plus stillbirths).
[3] Some of the infant deaths that were still under investigation (ICD-10 code R99) may later be identified as SIDS.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 27

- There were 159 infant deaths (under one year of age) a slight increase from the 149 infant deaths in 2000. There were 281 stillbirths in 2001, the same number as were in the previous year.
- In 2001, perinatal conditions were the cause of death for more than half (50.9%) of the infant deaths (81) and almost all (94.0%) of the stillbirths (264). This cause includes the stillbirths with undetermined cause of death (42). The infant mortality rate for perinatal conditions was 20.06 deaths per 10,000 live births, and the stillbirth rate for this cause was 64.93 per 10,000 total births.
- Congenital anomalies were responsible for about one third (30.8%) of infant deaths (49) and about one out of seventeen (6.0%) stillbirths (17) in 2001. The infant mortality rate for congenital anomalies was 12.14 deaths per 10,000 live births, and the stillbirth rate was 4.18 per 10,000 total births.
- Of the 99 deaths in the early neonatal period (age at death under 7 days), almost three quarters (72.7%) were due to perinatal conditions (72 deaths). The most common of these were infant affected by maternal factors (32), respiratory and cardiovascular disorders (17), and premature/post mature and fetal growth disorders (12).
- There were 36 infant deaths in the post neonatal period (28 to 364 days after birth) including 7 due to Sudden Infant Death Syndrome (SIDS). It should be noted that some of the infant deaths that are still under investigation may later be identified as SIDS.

VITAL STATISTICS INFORMATION BOX

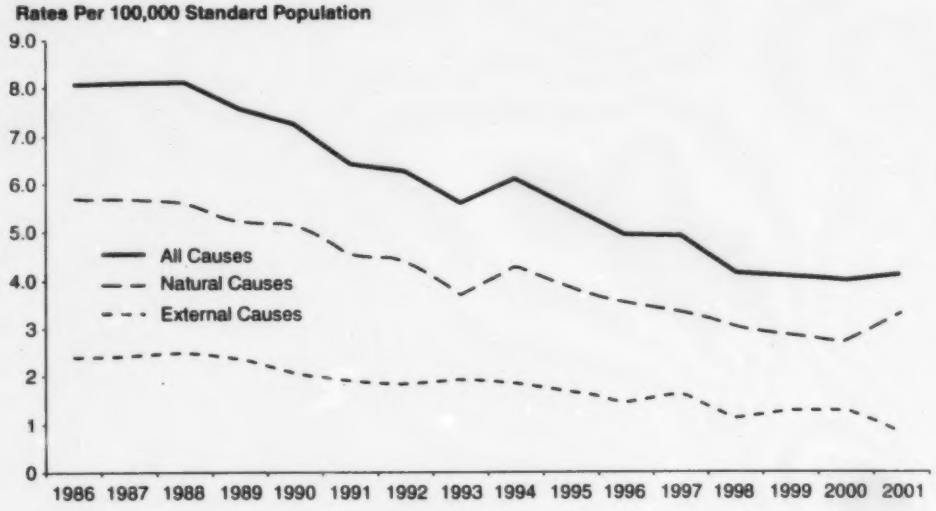
TRENDS IN CHILD MORTALITY (UNDER 19 YEARS OF AGE) IN BRITISH COLUMBIA

There were a total of 7,940 child deaths (under 19 years of age) in B.C. over the sixteen year period 1986–2001. This particular age group is used by the Ministry of Children and Family Development and other groups dealing with children under the legal age. The age standardized mortality rates for children declined significantly in this period from 8.1 deaths per 100,000 standard population under 19 years of age in 1986, to 4.1 in 2001.

More than two thirds of all child deaths from 1986 to 2001 were due to natural causes. The age-specific mortality rates for natural causes showed an overall decreasing trend over the sixteen years and is currently about forty percent of the 1986 rate. External causes of death (accidents, homicides and suicides) exhibited a decline in age-specific mortality of about two thirds in this period.

AGE STANDARDIZED MORTALITY RATES (UNDER 19 YEARS OF AGE)

BRITISH COLUMBIA, 1986–2001



CHILD DEATHS AND AGE STANDARDIZED MORTALITY RATES (UNDER 19 YEARS OF AGE)

BRITISH COLUMBIA, 1986–2001

Cause of Death	Year	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Total
Natural Causes	Deaths	430	435	430	411	425	374	375	315	367	332	310	285	251	231	218	263	5,452
	Rate	5.7	5.7	5.6	5.2	5.2	4.5	4.4	3.7	4.3	3.8	3.5	3.3	3.0	2.8	2.7	3.3	
External Causes	Deaths	192	194	200	191	169	159	157	167	165	156	139	157	109	126	127	80	2,488
	Rate	2.4	2.4	2.5	2.4	2.1	1.9	1.8	1.9	1.8	1.7	1.4	1.6	1.1	1.3	1.3	0 8	
All Causes	Deaths	622	629	630	602	594	533	532	482	532	488	449	442	360	357	345	343	7,940
	Rate	8.1	8.1	8.1	7.5	7.2	6.4	6.2	5.6	6.1	5.5	4.9	4.9	4.1	4.1	4.0	4.1	

Notes: Age standardized mortality rates (ASMR) – deaths per 100,000 standard population in the 0–18 age groups.
Natural causes includes deaths due to unknown causes.

TABLE 28
DEATHS DUE TO HIV DISEASE BY GENDER AND AGE GROUP
BRITISH COLUMBIA, 1987–2001

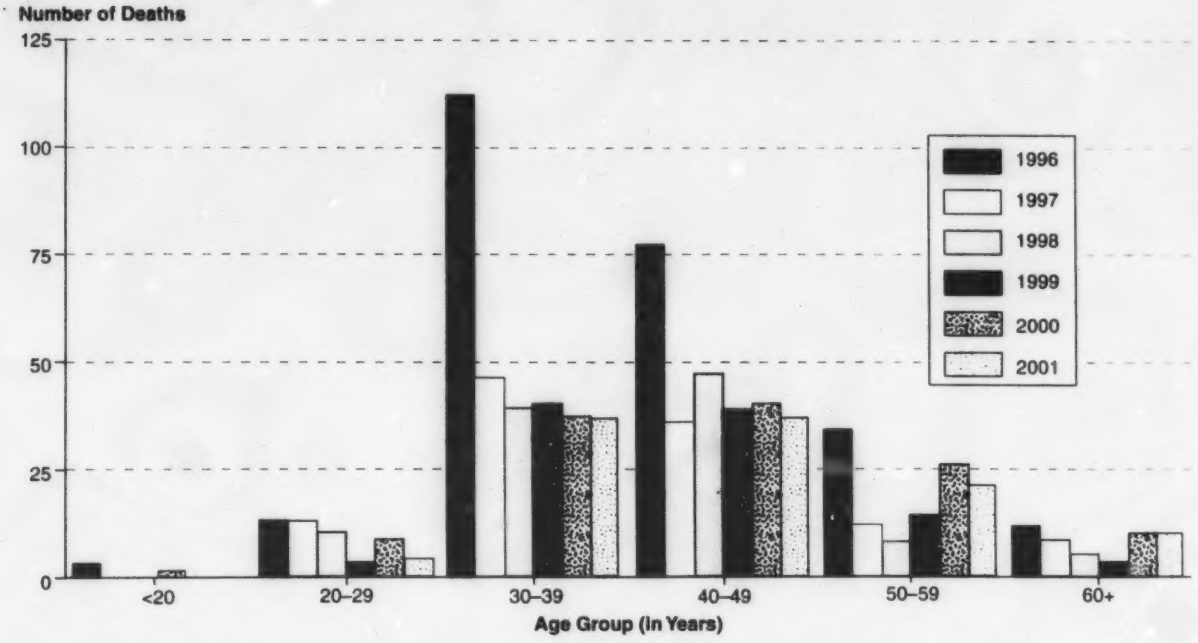
Year of Death	Gender	Age at Death (in Years) <20	20–29	30–39	40–49	50–59	60+	Total
1987	M	–	12	39	25	5	4	85
	F	–	–	–	2	–	1	3
	T	–	12	39	27	5	5	88
	Percent	–	13.6	44.3	30.7	5.7	5.7	100.0
1988	M	–	15	39	37	12	7	110
	F	1	1	–	1	1	–	4
	T	1	16	39	38	13	7	114
	Percent	0.9	14.0	34.2	33.3	11.4	6.1	100.0
1989	M	–	11	60	48	10	4	133
	F	1	2	1	–	1	–	5
	T	1	13	61	48	11	4	138
	Percent	0.7	9.4	44.2	34.8	8.0	2.9	100.0
1990	M	–	17	71	73	18	6	185
	F	–	1	–	1	1	–	3
	T	–	18	71	74	19	6	188
	Percent	–	9.6	37.8	39.4	10.1	3.2	100.0
1991	M	–	13	79	54	23	6	175
	F	–	–	1	–	–	1	2
	T	–	13	80	54	23	7	177
	Percent	–	7.3	45.2	30.5	13.0	4.0	100.0
1992	M	–	28	100	89	21	5	243
	F	–	1	3	2	–	–	6
	T	–	29	103	91	21	5	249
	Percent	–	11.6	41.4	36.5	8.4	2.0	100.0
1993	M	–	28	114	95	34	15	286
	F	–	3	8	2	1	1	15
	T	–	31	122	97	35	16	301
	Percent	–	10.3	40.5	32.2	11.6	5.3	100.0
1994	M	–	19	146	101	29	12	307
	F	2	5	10	2	2	2	23
	T	2	24	156	103	31	14	330
	Percent	0.6	7.3	47.3	31.2	9.4	4.2	100.0
1995	M	–	17	116	103	31	9	276
	F	–	6	7	4	1	1	19
	T	–	23	123	107	32	10	295
	Percent	–	7.8	41.7	36.3	10.8	3.4	100.0
1996	M	3	9	106	72	34	10	234
	F	–	4	6	5	–	1	16
	T	3	13	112	77	34	11	250
	Percent	1.2	5.2	44.8	30.8	13.6	4.4	100.0
1997	M	–	11	40	32	11	6	100
	F	–	2	6	4	1	2	15
	T	–	13	46	36	12	8	115
	Percent	–	11.3	40.0	31.3	10.4	7.0	100.0
1998	M	–	6	31	44	7	4	92
	F	–	4	8	3	1	1	17
	T	–	10	39	47	8	5	109
	Percent	–	9.2	35.8	43.1	7.3	4.6	100.0
1999	M	1	3	36	32	13	3	88
	F	–	–	4	7	1	–	12
	T	1	3	40	39	14	3	100
	Percent	1.0	3.0	40.0	39.0	14.0	3.0	100.0
2000	M	–	5	31	31	23	8	98
	F	–	4	6	9	3	2	24
	T	–	9	37	40	26	10	122
	Percent	–	7.4	30.3	32.8	21.3	8.2	100.0
2001	M	–	–	29	33	18	9	89
	F	–	4	8	4	3	1	20
	T	–	4	37	37	21	10	109
	Percent	–	3.7	33.9	33.9	19.3	9.2	100.0
1987–2001	**M**	**4**	**194**	**1,037**	**869**	**289**	**108**	**2,501**
	F	**4**	**37**	**68**	**46**	**16**	**13**	**184**
	T	**8**	**231**	**1,105**	**915**	**305**	**121**	**2,685**
	Percent	**0.3**	**8.6**	**41.2**	**34.1**	**11.4**	**4.5**	**100.0**

Note: HIV Disease – ICD-10 codes B20–B24.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

FIGURE 17

DEATHS DUE TO HIV DISEASE BY AGE GROUP

BRITISH COLUMBIA, 1996–2001



HIGHLIGHTS TO TABLE 28/FIGURE 17

- There were 109 deaths from HIV disease in 2001, a decrease from 122 deaths in 2000. Since 1987, there have been 2,685 HIV disease deaths in the province.
- The number of deaths from HIV disease peaked at 330 in 1994. The largest decrease occurred when the number of HIV disease deaths dropped from 250 in 1996 to 115 in 1997.
- Over the 15 year period from 1987–2001, the majority of all HIV disease deaths (93.1%) were males (2,501 deaths); only 6.9% (184 deaths) were female. The largest number of female deaths due to HIV disease deaths (24) occurred in 2000.
- For the 1987–2001 period, out of 100 deaths from HIV disease, approximately:
  - 9 were in the 20–29 year age group (231)
  - 41 were in the 30–39 year age group (1,105)
  - 34 were in the 40–49 year age group (915)
  - 11 were in the 50–59 year age group (305)
  - 5 were at least 60 years of age (121).
- There were only 8 deaths from HIV disease in 1987–2001 to children and teens (age less than 20 years old).
- Figure 17 shows the number of deaths due to HIV disease by age group for 1996–2001. In the 30–39 year age group, the annual number of deaths from HIV disease decreased from more than a hundred in 1996, to less than 50 each year from 1997–2001. The 40–49 age group had 77 deaths in 1996, and less than 50 each year from 1997–2001. Although the number of HIV disease deaths was small for the 20–29, 50–59, and 60+ age groups, these age groups showed a decreasing trend followed by small increases in HIV disease deaths in recent years.

TABLE 29
DEATHS DUE TO HIV DISEASE BY HEALTH SERVICE DELIVERY AREA
BRITISH COLUMBIA, 1987–2001

	Health Service Delivery Area	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	1987–2001 Number	Percent	Rate
11	East Kootenay	–	–	–	–	1	–	–	–	1	–	2	–	–	–	1	5	0.2	0.44
12	Kootenay Boundary	1	–	–	2	–	–	1	1	3	1	–	1	1	–	–	11	0.4	0.95
13	Okanagan	3	3	1	1	1	8	9	6	9	7	2	4	2	3	3	62	2.3	1.52
14	Thompson/Cariboo	2	–	–	3	3	3	4	3	–	3	2	2	2	2	6	35	1.3	1.16
21	Fraser Valley	–	–	4	2	1	4	6	7	6	7	1	5	3	3	2	51	1.9	1.62
22	Simon Fraser	8	8	16	16	14	15	22	25	21	15	8	6	6	11	8	199	7.4	2.93
23	South Fraser	2	4	8	6	10	14	12	18	17	22	6	4	11	7	11	152	5.7	2.04
31	Richmond	5	4	–	6	6	5	1	6	4	4	5	2	2	1	1	52	1.9	2.42
32	Vancouver	53	72	86	124	108	148	197	203	182	145	63	64	52	73	58	1,628	60.6	20.76
33	North Shore/ Coast Garibaldi	6	8	7	11	9	14	16	15	12	11	7	5	5	3	3	132	4.9	3.63
41	South Vancouver Island	6	7	14	12	16	23	23	29	18	21	11	10	13	7	10	220	8.2	3.96
42	Central Vancouver Island	2	–	2	2	4	14	4	12	15	6	3	3	3	9	4	83	3.1	2.58
43	North Vancouver Island	–	4	–	1	1	–	3	2	–	1	1	–	–	3	1	17	0.6	2.00
51	North West	–	–	–	1	–	1	1	–	2	1	–	–	–	–	–	6	0.2	0.46
52	Northern Interior	–	3	–	1	1	–	2	2	4	5	2	2	–	–	1	23	0.9	1.02
53	Peace Liard	–	–	–	–	2	–	–	1	1	–	–	1	–	–	–	5	0.2	0.54
	N.S.	–	1	–	–	–	–	–	–	–	1	2	–	–	–	–	4	0.1	–
	PROVINCIAL TOTAL	**88**	**114**	**138**	**188**	**177**	**249**	**301**	**330**	**295**	**250**	**115**	**109**	**100**	**122**	**109**	**2,685**	**100.0**	**4.92**

Note: Health Service Delivery Area based on usual residence.
Rate per 100,000 population in specified area.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded. N.S. – Not stated.

HIGHLIGHTS TO TABLE 29

- Over the fifteen-year period, 1987–2001, 60.6% of the 2,685 deaths from HIV disease were to residents of the Vancouver Health Service Delivery Area (1,628 deaths). In 2001, 58 of the 109 HIV disease deaths were residents of Vancouver. Treatment facilities and other supports centered in the Vancouver Health Service Delivery Area account for some of the concentration of cases in that area.
- The only other Health Service Delivery Areas with over one hundred HIV disease deaths during the 1987–2001 period were South Vancouver Island (220), Simon Fraser (199), South Fraser (152), and North Shore/ Coast Garibaldi (132).
- The provincial rate for deaths due to HIV disease, for the period 1987–2001, was 4.92 per 100,000 population. The five Health Service Delivery Areas with the highest rates for deaths due to HIV disease (total deaths for 1987–2001 in parentheses) were:

32	Vancouver	20.76	(1,628)
41	South Vancouver Island	3.96	(220)
33	North Shore/Coast Garibaldi	3.63	(132)
22	Simon Fraser	2.93	(199)
42	Central Vancouver Island	2.58	(83)

TABLE 30
DEATHS FROM ACCIDENTS AND VIOLENCE BY GENDER
BRITISH COLUMBIA, 2001

Cause of Death	ICD-10 Code	Male		Female		Total	
		Number	ASMR	Number	ASMR	Number	ASMR
Motor vehicle accidents[1]	V02–V04, ...Y85.0	217	1.08	90	0.43	307	0.75
Other transport accidents[2]	V01,... Y85.9	47	0.22	1	0.01	48	0.12
Accidental poisoning	X40–X49	182	0.87	59	0.29	241	0.58
Accidental falls	W00–W19	149	0.69	147	0.42	296	0.54
Accident caused by fire	X00–X09	13	0.06	9	0.04	22	0.05
Drowning/submersion	W65–W74	26	0.12	8	0.04	34	0.08
Accident caused by machinery	W24, W28–W31	4	0.02	–	–	4	0.01
Accident caused by firearms	W32–W34	5	0.02	–	–	5	0.01
All other accidents[3]	W20–W23,... Y88	56	0.26	40	0.14	96	0.20
Suicide	X60–X84, Y87.0	242	1.13	73	0.32	315	0.72
Homicide	X85–Y09, Y87.1	21	0.11	9	0.04	30	0.07
Event of undetermined intent	Y10–Y34, Y87.2	10	0.05	7	0.04	17	0.04
Sequelae of other external causes	Y86, Y89	3	0.01	4	0.01	7	0.01
TOTAL	**V01–Y89**	**975**	**4.65**	**447**	**1.78**	**1,422**	**3.19**

Note: ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).
[1]ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V82.0–V82.1, V82.3–V89.0, V89.2, V89.9, Y85.0.
[2]ICD-10 codes V01, V05–V06, V10–V11, V15–V18, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.0–V81.9, V82.2–V82.9, V89.1, V89.3, V90–V99, Y85.9.
[3]ICD-10 codes W20–W23, W25–W27, W35–W64, W75–W99, X10–X39, X50–X59, Y40–Y84, Y35–Y36, Y88.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 30

- Accidents and violence include all deaths from accidents, suicide, homicide, and deaths of undetermined intent. In 2001, there were 1,422 deaths from accidents and violence among B.C. residents.
- Out of every 1,000 of all deaths in 2001, approximately :
  - 950 deaths were from natural causes (please refer to Table 21)
  - 50 deaths were from accidents and violence, including:
    - 11 were suicide (315)
    - 11 were motor vehicle accidents (307)
    - 11 were accidental falls (296)
    - 9 were accidental poisoning (241)
    - 1 was from drowning/submersion (34)
    - 1 was a victim of homicide (30)
    - 2 were from other transport accidents (48)
    - 1 was from fire (22)
    - 1 was from an event of undetermined intent (17)
- The Age Standardized Mortality Rate (ASMR) for deaths from accidents and violence was 3.19 deaths per 10,000 standard population in 2001. The ASMR for males was 4.65; the ASMR for females was 1.78 in 2001. On average, males accounted for more than two thirds of the deaths from accidents and violence (68.6%).
- For males and females, the leading causes of death from accidents and violence are shown below, ranked by number of deaths in 2001. ASMRs per 10,000 male or female standard population are shown in parentheses.

Males			*Females*		
suicide	242	(1.13)	accidental falls	147	(0.42)
motor vehicle accidents	217	(1.08)	motor vehicle accidents	90	(0.43)
accidental poisoning	182	(0.87)	suicide	73	(0.32)

DEATHS FROM ACCIDENTS AND VIOLENCE BY LOCAL HEALTH AREA

Local Health Area		Motor Vehicle Accidents	Other Transport Accidents	Accidental		Fire/ Flames	Accidental Drowning/ Submersion	Suicide	Homicide	Other	Total	
				Poisoning	Falls						Deaths	ASMR
001	Fernie	2	–	–	4	–	1	3	–	1	11	6.53
002	Cranbrook	1	–	–	1	–	–	5	–	2	9	3.36
003	Kimberley	–	–	–	3	–	–	1	–	–	4	3.43
004	Windermere	2	–	–	–	–	–	1	–	1	4	4.20
005	Creston	4	–	–	2	–	1	3	–	1	11	6.85
006/007	Kootenay Lake/Nelson	3	–	4	6	–	–	3	2	3	21	6.94
009	Castlegar	2	–	1	6	–	–	1	–	–	10	5.04
010	Arrow Lakes	3	–	–	–	–	–	–	–	–	3	7.42
011	Trail	1	–	1	1	–	1	3	–	1	8	3.00
012/013	Grand Forks/Kettle Valley	1	–	–	2	1	–	4	–	–	8	4.22
014	Southern Okanagan	2	1	1	7	–	–	2	–	1	14	5.96
015	Penticton	3	–	2	8	–	–	7	–	–	20	4.06
016	Keremeos	3	–	1	1	–	–	–	–	–	5	11.53
017	Princeton	1	–	–	–	–	–	1	–	1	3	4.99
018	Golden	2	–	–	1	–	1	–	–	–	4	4.54
019	Revelstoke	2	–	1	1	–	–	1	–	–	5	5.41
020	Salmon Arm	5	1	–	2	–	–	1	1	3	13	2.98
021	Armstrong–Spallumcheen	2	–	–	–	–	–	1	–	–	3	2.18
022	Vernon	8	1	7	3	1	–	6	2	2	30	4.82
023	Central Okanagan	7	–	11	18	1	–	15	3	5	60	3.57
024	Kamloops	13	–	10	13	1	2	8	–	2	49	4.59
025	100 Mile House	5	1	1	2	–	–	2	–	–	11	6.02
026	North Thompson	3	–	–	–	–	–	1	–	–	4	7.52
027	Cariboo–Chilcotin	9	–	3	–	–	–	3	2	1	18	6.93
028	Quesnel	5	–	2	3	–	–	1	1	2	14	4.69
029	Lillooet	2	–	1	–	–	–	1	–	–	4	8.10
030	South Cariboo	–	–	1	–	–	–	2	1	2	6	9.06
031	Merritt	5	–	1	–	3	–	1	1	–	11	8.74
032	Hope	1	–	1	–	–	–	–	1	–	3	4.74
033	Chilliwack	5	2	2	7	–	2	9	2	3	32	4.25
034	Abbotsford	18	1	7	5	–	1	10	–	6	48	4.14
035	Langley	7	–	1	9	2	–	3	1	2	25	2.09
036	Surrey	29	1	17	16	1	1	19	2	3	89	2.38
037	Delta	1	1	5	2	–	–	6	–	1	16	1.58
038	Richmond	4	–	2	9	–	2	4	–	7	28	1.55
040	New Westminster	2	1	9	1	–	–	8	–	–	21	3.47
041	Burnaby	1	2	10	6	1	2	10	1	5	38	1.65
042	Maple Ridge	3	1	3	5	2	1	12	2	1	30	3.78
043	Coquitlam	7	–	7	3	1	–	13	1	3	35	1.81
044	North Vancouver	3	–	2	5	1	1	3	–	1	16	1.19
045	West Vancouver–Bowen Is.	1	–	–	1	1	1	1	–	–	5	0.57
046	Sunshine Coast	1	–	1	2	–	–	4	–	–	8	3.19
047	Powell River	1	–	–	1	–	1	–	–	2	5	2.06
048	Howe Sound	2	1	2	1	1	–	3	–	3	13	5.67
049	Bella Coola Valley	1	–	–	–	–	–	–	–	–	1	3.34
050	Queen Charlotte	1	–	–	1	1	–	2	–	1	6	10.52
051	Snow Country	1	–	–	–	–	–	–	–	–	1	10.55
052	Prince Rupert	1	4	1	1	–	–	2	–	1	10	6.05
053	Upper Skeena	2	–	–	–	–	–	–	–	–	2	2.68
054	Smithers	6	3	–	–	–	1	3	1	–	14	7.93
055/093	Burns Lake/Eutsuk	1	1	1	–	–	–	2	–	–	5	7.20
056	Nechako	3	2	–	1	–	–	1	–	3	10	6.10
057	Prince George	14	3	4	1	1	–	12	–	4	39	3.89
059	Peace River South	9	1	2	2	–	–	1	–	–	15	5.77
060	Peace River North	6	–	–	2	–	–	2	1	4	15	5.82
061	Greater Victoria	10	4	24	31	–	–	16	1	10	96	3.20
062	Sooke	–	–	5	5	1	2	2	–	1	16	3.00
063	Saanich	1	–	2	6	–	–	8	–	3	20	2.69
064	Gulf Islands	1	–	–	3	1	–	–	–	1	6	3.84
065	Cowichan	6	–	2	3	–	1	4	–	2	18	2.78
066	Lake Cowichan	–	–	1	–	–	–	1	–	–	2	2.30
067	Ladysmith	2	–	–	2	–	–	2	–	–	6	3.65
068	Nanaimo	8	1	6	9	–	1	7	–	8	40	3.77
069	Qualicum	2	–	1	7	–	–	2	1	3	16	3.29
070	Alberni	2	–	3	2	–	–	6	3	–	16	4.63
071	Courtenay	7	5	2	8	–	3	6	–	1	32	5.11
072/084	Campbell River/V.I. West	1	6	5	6	–	2	4	–	1	25	5.45
075	Mission	4	–	1	1	–	–	4	–	1	11	2.58
076	Agassiz–Harrison	2	–	1	1	–	–	1	–	1	6	6.81
077	Summerland	3	–	–	5	–	–	1	–	–	9	6.39
078	Enderby	1	–	–	3	–	–	–	–	–	4	3.59
080	Kitimat	2	1	1	–	–	1	1	–	–	6	4.88
081	Fort Nelson	–	1	–	1	–	–	–	–	1	3	11.82
083	Central Coast	–	–	–	–	–	–	–	–	1	1	5.99
085	Vancouver Island North	–	–	2	1	–	1	2	–	3	9	6.62
087/094	Stikine/Telegraph Creek	–	–	–	–	–	–	–	–	–	–	–
088	Terrace	4	–	–	1	1	–	2	–	1	9	5.11
092	Nisga'a	2	–	–	–	–	–	–	–	–	2	18.88
161	Vancouver City Centre	3	1	6	8	–	–	5	–	4	27	2.13
162	Vancouver Downtown E. Side	3	–	31	5	–	1	11	–	–	51	8.02
163	Vancouver North East	2	–	4	3	–	1	7	–	–	17	1.72
164	Vancouver West Side	5	–	1	8	–	–	4	–	1	19	1.10
165	Vancouver Midtown	2	–	7	6	–	–	5	–	1	21	2.15
166	Vancouver South	7	1	6	6	–	1	7	–	6	34	2.51
039	**VANCOUVER TOTAL**	**22**	**2**	**59**	**36**	**–**	**4**	**39**	**–**	**13**	**175**	**2.55**
	PROVINCIAL TOTAL	**307**	**48**	**241**	**296**	**22**	**34**	**315**	**30**	**129**	**1,422**	**3.19**
	PERCENT	**21.6**	**3.4**	**16.9**	**20.8**	**1.5**	**2.4**	**22.2**	**2.1**	**9.1**	**100.0**	

Note: Based on usual residence. ASMR – Age standardized mortality rate per 10,000 standard population (Canada 1991 Census). PERCENT – Provincial total for each cause as a percent of the Provincial total for all deaths from external causes. Other is comprised of accident caused by machinery, accident caused by firearms, all other accidents, event of undetermined intent, and sequelae of other external causes. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents and LHA unknown (one case) excluded.

HIGHLIGHTS TO TABLE 31

Deaths from accidents and violence are shown in this table based on the Local Health Area (LHA) of usual residence of the decedent, and not the location where the death occurred.

- The Age Standardized Mortality Rate (ASMR) for deaths from accidents and violence was 3.19 deaths per 10,000 standard population. There were 45 Local Health Areas (LHAs) which had ASMRs greater than the provincial rate and had five or more deaths from external causes. Of these LHAs, 14 had values that were at least twice the provincial rate. The five highest ASMRs, based on five or more deaths from accidents and violence, (number of deaths in parentheses) were:

016	Keremeos	11.53	(5)
050	Queen Charlotte	10.52	(6)
030	South Cariboo	9.06	(6)
031	Merritt	8.74	(11)
162	Vancouver Downtown E. Side	8.02	(51)

- There were 20 LHAs with accidents and violence ASMRs below the provincial rate that had five or more deaths. The five LHAs with the lowest ASMR values in 2001 for deaths from accidents and violence (based on five or more deaths) were (number of deaths in parentheses):

045	West Vancouver–Bowen Is.	0.57	(5)
164	Vancouver West Side	1.10	(19)
044	North Vancouver	1.19	(16)
038	Richmond	1.55	(28)
037	Delta	1.58	(16)

- Stikine/Telegraph Creek was the only LHA that had no deaths from accidents and violence in 2001.
- During 2001, suicides (315 deaths) and motor vehicle accidents (307) each accounted for more than one in five of the deaths from accidents and violence. Accidental falls (296) accounted for about a fifth and accidental poisoning (241) accounted for about one sixth of deaths from external causes.
- Deaths from motor vehicle accidents (MVA) occurred most often in 2001 to residents of Surrey (29 deaths), Abbotsford (18), Prince George (14), Kamloops (13) and Greater Victoria (10).
- Accidental poisoning deaths occurred most often in 2001 to residents of Vancouver Downtown East Side (31 deaths), Greater Victoria (24), Surrey (17), Central Okanagan (11), Kamloops (10), and Burnaby (10).
- Deaths from accidental falls occurred most often in 2001 to residents of Greater Victoria (31 deaths), Central Okanagan (18), Surrey (16), Kamloops (13), Richmond (9), Nanaimo (9) and Langley (9).
- Deaths from suicide occurred most often in 2001 to residents of Surrey (19), Greater Victoria (16 deaths), Central Okanagan (15), Coquitlam (13), Prince George (12), and Maple Ridge (12).

TABLE 32
SUICIDE DEATHS BY MONTH AND GENDER
BRITISH COLUMBIA, 2001

Month	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
January	25	10.3	7	9.6	32	10.2
February	19	7.9	7	9.6	26	8.3
March	25	10.3	11	15.1	36	11.4
April	23	9.5	7	9.6	30	9.5
May	25	10.3	10	13.7	35	11.1
June	21	8.7	5	6.8	26	8.3
July	20	8.3	7	9.6	27	8.6
August	18	7.4	8	11.0	26	8.3
September	15	6.2	3	4.1	18	5.7
October	14	5.8	2	2.7	16	5.1
November	23	9.5	2	2.7	25	7.9
December	14	5.8	4	5.5	18	5.7
TOTAL	**242**	**100.0**	**73**	**100.0**	**315**	**100.0**

Note: Suicide Deaths – ICD-10 codes X60–X84, Y87.0.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

VITAL STATISTICS INFORMATION BOX

THE HEALTH STATUS REGISTRY

The Vital Statistics Agency is involved in a number of projects concerning the incidence of birth defects and the prevalence of handicapping conditions. The Health Status Registry (HSR) can provide data to assist in response to concerns about perceived clusters of birth defects and to assess the effectiveness of screening programs and prevention activities.

The Health Status Registry is dependent upon complete and timely reporting of congenital anomalies, genetic conditions, and selected disabilities and handicapping conditions. Birth and death records, hospitals, health regions, and Medical Genetics departments provide information. Multiple reporting sources are an integral part of this kind of database. Reports on the same individual from different sources or at different times, update and correct existing information, thus improving its accuracy and relevance. Although historically data were collected from voluntary reporting sources, reporting is now mandatory under the Health Act (section 10). In recent years, the Agency has undertaken initiatives to improve HSR data quality.

The Agency has produced statistical summary reports for the HSR which present registrable conditions based on year of birth or by region of current residence. An updated HSR report will be released in the summer of 2002.

CONGENITAL ANOMALIES FOR TOTAL BIRTHS (LIVE BIRTHS AND STILLBIRTHS) REPORTED TO THE HSR

Diagnosis	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Total
Nervous System Defects	**128**	**152**	**126**	**159**	**209**	**200**	**152**	**134**	**143**	**114**	**1,517**
anencephalus & similar defects	8	11	5	11	12	7	5	4	10	6	79
neural tube defects	42	71	36	38	37	45	27	32	45	22	395
hydrocephalus	23	10	18	26	31	25	17	14	25	20	209
other nervous system defects	55	60	67	84	127	122	101	84	63	66	829
Anomalies of Eye	**45**	**27**	**36**	**44**	**75**	**57**	**47**	**47**	**49**	**33**	**460**
Anomalies of Ear, Face, Neck	**83**	**64**	**48**	**101**	**98**	**118**	**120**	**104**	**109**	**118**	**963**
Anomalies of Heart	**338**	**297**	**304**	**418**	**533**	**627**	**605**	**608**	**433**	**476**	**4,629**
transposition of great vessels	24	15	13	13	36	32	34	36	25	29	257
tetralogy of Fallot	18	20	14	13	19	19	17	23	19	20	182
ventricular septal defect	98	73	83	106	116	172	148	142	116	128	1,182
hypoplastic left heart syndrome	8	10	8	9	17	16	11	16	11	8	114
other heart anomalies	182	179	186	275	345	388	395	391	262	291	2,894
Circulatory System Anomalies	**175**	**171**	**160**	**234**	**370**	**533**	**484**	**453**	**358**	**310**	**3,308**
patent ductus arteriosus	58	60	56	120	167	273	249	237	193	174	1,587
Anomalies of Respiratory System	**91**	**83**	**56**	**74**	**76**	**111**	**102**	**79**	**92**	**84**	**828**
Cleft Palate/Cleft Lip	**120**	**117**	**106**	**125**	**99**	**134**	**143**	**141**	**136**	**134**	**1,264**
Anomalies of Upper Alimentary Tract	**71**	**71**	**67**	**104**	**118**	**137**	**129**	**93**	**233**	**236**	**1,259**
tracheoesophageal fistula	13	11	9	20	18	10	18	15	10	8	132
pyloric stenosis	39	41	28	21	30	30	28	26	31	37	311
other anomalies of alimentary tract	19	19	30	63	70	97	83	52	192	191	816
Other Anomalies of Digestive System	**71**	**83**	**67**	**72**	**105**	**105**	**104**	**111**	**105**	**105**	**928**
Anomalies of Genital Organs	**219**	**229**	**248**	**345**	**293**	**458**	**364**	**280**	**387**	**377**	**3,192**
Anomalies of Urinary System	**185**	**204**	**181**	**188**	**177**	**198**	**195**	**213**	**211**	**199**	**1,911**
renal agenesis	23	39	18	28	19	25	17	24	31	26	250
cystic kidney disease	21	28	30	18	25	41	27	32	22	36	230
other urinary anomalies	120	137	133	122	133	132	151	157	158	137	1,380
Congenital Musculoskeletal Deformities	**651**	**615**	**567**	**781**	**648**	**1,029**	**947**	**819**	**1,078**	**1,009**	**8,136**
anomalies of spine	9	15	15	18	12	21	19	18	18	17	162
congenital dislocation of hip	209	198	177	254	137	345	273	214	366	368	2,541
varus, vulgus, clubfoot	117	125	135	152	134	206	200	149	219	216	1,653
polydactyly, syndactyly	64	77	58	65	59	85	79	80	93	103	763
limb reductions	34	28	17	15	31	35	28	27	22	29	266
chondro/osteo dystrophies	10	9	19	7	14	16	13	23	14	7	132
other musculoskeletal deformities	208	163	146	270	253	321	334	308	346	269	2,618
Anomalies of the Integument	**86**	**94**	**74**	**102**	**101**	**173**	**106**	**106**	**242**	**248**	**1,454**
hemangioma and lymphangioma	17	19	9	36	25	44	33	16	45	42	286
other anomalies of integument	49	75	65	156	76	129	133	90	197	198	1,168
Fetal Alcohol Syndrome (FAS/FAE)	**8**	**12**	**4**	**49**	**35**	**89**	**96**	**108**	**248**	**180**	**821**
Chromosomal Anomalies	**116**	**115**	**94**	**123**	**137**	**172**	**177**	**156**	**122**	**146**	**1,358**
Down's syndrome	73	45	62	60	67	78	90	68	53	74	670
other chromosomal anomalies	40	68	32	63	70	94	87	88	69	72	683
Multiple & Multiple System Anomalies	**56**	**52**	**36**	**78**	**87**	**57**	**68**	**71**	**88**	**85**	**618**
Other and Unspecified Anomalies	**48**	**31**	**33**	**42**	**78**	**59**	**50**	**60**	**52**	**39**	**493**
Total Diagnoses	**2,452**	**2,397**	**2,199**	**3,159**	**3,283**	**4,257**	**3,958**	**3,575**	**4,058**	**3,885**	**33,123**
Total Cases	**1,868**	**1,880**	**1,542**	**2,069**	**1,875**	**2,696**	**2,412**	**2,023**	**2,029**	**2,639**	**21,433**

(concluded on page 75)

VITAL STATISTICS INFORMATION BOX

(continued from page 58)

CONGENITAL ANOMALIES CATEGORIES AND CODES

Diagnostic Category	ICD-9 Codes	ICD-10 Codes
Nervous System Defects	740–742	Q00–Q07
anencephalus and similar defects	740.0–740.2	Q00
neural tube defects	741, 742.0	Q01, Q05, Q07.0
hydrocephalus	742.3	Q03
other nervous system	742.1–742.2, 742.4–742.9	Q02, Q04, Q06, Q07.8, Q07.9, G90.1
Anomalies of the Eye	743	Q10–Q15
Anomalies of Ear, Face, Neck	744	Q16–Q18
Anomalies of Heart	745–746	Q20–Q24
transposition of great vessels	745.1	Q20.1–Q20.3, Q20.5
tetralogy of Fallot	745.2	Q21.3
ventricular septal defect	745.4	Q21.0, Q21.2
hypoplastic left heart syndrome	746.7	Q23.4
other heart anomalies	745.0, 745.3, 745.5–746.6, 746.8–746.9	Q20.0, Q20.4, Q20.6–Q20.9, Q21.1, Q21.4–Q21.9, Q22, Q23.0–Q23.3, Q23.9–Q23.9, Q24
Anomalies of Circulatory System	747	P29.3, Q25–Q28
patent ductus arteriosus	747.0	Q25.0
Anomalies of Respiratory System	748	Q30–Q34
Cleft Palate/Cleft Lip	749.0–749.2	Q35–Q37
Anomalies of Upper Alimentary Tract	750	Q38–Q40
tracheoesophageal fistula	750.3	Q39.1–Q39.2
pyloric stenosis	750.5	Q40.0
other anomalies of alimentary tract	750.0–750.2, 750.4, 750.6–750.9	Q38, Q39.0, 39.3–Q39.9, Q40.1–Q40.9
Other Anomalies of Digestive System	751	Q41–Q45
Anomalies of Genital Organs	752	Q50–Q56
Anomalies of Urinary System	753	Q60–Q64
renal agenesis	753.0	Q60
cystic kidney disease	753.1	Q61
other urinary anomalies	753.2–753.9	Q62–Q64
Congenital Musculoskeletal Deformities	754–756	Q65–Q79, R29.4
congenital anomalies of spine	754.2, 756.1	Q67.5, Q76.0–Q76.4
congenital dislocation of hip	754.3	Q65.0–Q65.6, Q65.8–Q65.9
varus, valgus, clubfoot	754.5–754.7	Q66
polydactyly, syndactyly	755.0–755.1	Q69–Q70
limb reductions	755.2–755.4	Q71–Q73
chondro/osteo dystrophies	756.4–756.5	Q77.0–Q78.4, Q78.6–Q78.9
other musculoskeletal deformities	754.0–754.1, 754.4, 754.8–754.9, 755.5–756.0, 756.2–756.3, 756.6–756.9	Q65.7**, Q67.0–Q67.4, Q67.6–Q67.8, Q68, Q74–Q75, Q76.5–Q76.9, Q78.5, Q79, R29.4
Anomalies of the Integument	228, 757	D18, Q80–Q84
hemangioma and lymphangioma	228	D18
other anomalies of integument	757	Q80–Q84
Fetal Alcohol Syndrome (FAS/FAE)	760.7*	Q86.0
Chromosomal Anomalies	758	Q90–Q99
Downs syndrome	758.0	Q90
other chromosomal anomalies	758.1–758.9	Q91–Q99
Multiple Anomalies	759.7–759.8	Q86.1–Q86.8, Q87, Q89.7–Q89.8
Other and Unspecified Anomalies	237.7, 759.0–759.6, 759.9	Q85, Q89.0–Q89.4, Q89.9

Note: * Etiologies indicating causes other than alcohol (e.g., hydantoins) were excluded.
** Special code used for dislocatable/sublocatable hip.

HIGHLIGHTS TO TABLE 32

- Of the 315 suicide deaths in the province in 2001, just over three quarters (242) were male.
- The distribution of suicide deaths by month varies from year to year. In 2001, March had 36 suicides, May had 35 and January had 32 suicides. October had the least (16) total suicides, followed by September and December with 18 suicides each month.
- Male deaths from suicide were highest also in January, March and May all with 25 deaths, and lowest in October and December both with 14. Female suicide deaths were highest in March with 11 deaths, and lowest in October and November, both with 2 deaths

STANDARDIZED MORTALITY RATIO – ALL CAUSES OF DEATH

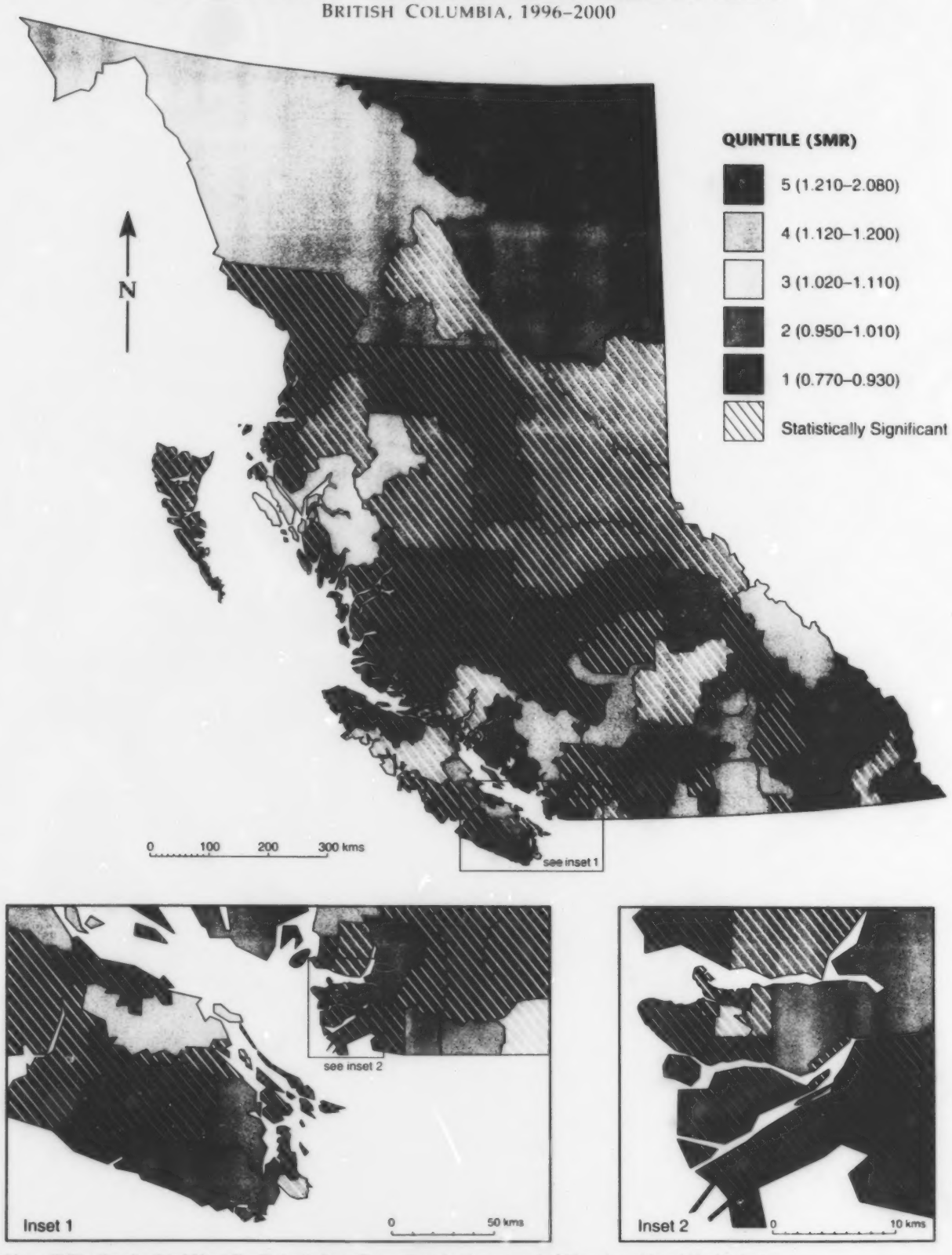
Local Health Area		1996–2000 Observed Deaths	SMR	(p)	2001 Observed Deaths	Expected Deaths	SMR	(p)	95% Confidence Interval Lower		Upper
001	Fernie	355	0.90		76	81.51	0.93		0.73	–	1.17
002	Cranbrook	844	1.09	*	178	162.86	1.09		0.94	–	1.27
003	Kimberley	402	1.01		75	76.83	0.98		0.77	–	1.22
004	Windermere	205	0.77	*	35	54.69	0.64	*	0.45	–	0.89
005	Creston	676	0.96		132	133.15	0.99		0.83	–	1.18
006/007	Kootenay Lake/Nelson	1,025	0.99		214	207.84	1.03		0.90	–	1.18
009	Castlegar	518	1.04		111	100.50	1.10		0.91	–	1.33
010	Arrow Lakes	260	1.14	*	40	43.72	0.91		0.65	–	1.25
011	Trail	1,062	1.13	*	206	183.91	1.12		0.97	–	1.28
012/013	Grand Forks/Kettle Valley	583	1.02		135	114.46	1.18		0.99	–	1.40
014	Southern Okanagan	1,121	0.95		226	237.23	0.95		0.83	–	1.09
015	Penticton	2,238	0.95	*	453	478.22	0.95		0.86	–	1.04
016	Keremeos	260	1.02		57	52.97	1.08		0.82	–	1.39
017	Princeton	250	1.23	*	43	40.88	1.05		0.76	–	1.42
018	Golden	180	1.03		42	34.71	1.21		0.87	–	1.64
019	Revelstoke	307	1.30	*	48	46.08	1.04		0.77	–	1.38
020	Salmon Arm	1,317	0.93	*	283	291.16	0.97		0.86	–	1.09
021	Armstrong–Spallumcheen	362	1.00		71	71.32	1.00		0.78	–	1.26
022	Vernon	2,530	1.02		519	506.95	1.02		0.94	–	1.12
023	Central Okanagan	5,624	0.86	*	1,220	1,347.04	0.91	*	0.86	–	0.96
024	Kamloops	3,483	1.11	*	678	648.35	1.05		0.97	–	1.13
025	100 Mile House	545	1.16	*	95	98.75	0.96		0.78	–	1.18
026	North Thompson	126	1.13		27	23.99	1.13		0.74	–	1.64
027	Cariboo–Chilcotin	734	1.21	*	154	125.54	1.23	*	1.04	–	1.44
028	Quesnel	755	1.15	*	155	133.96	1.16		0.98	–	1.35
029	Lillooet	172	1.37	*	31	23.27	1.33		0.91	–	1.89
030	South Cariboo	279	1.08		67	53.27	1.26		0.97	–	1.60
031	Merritt	430	1.28	*	107	67.61	1.58	*	1.30	–	1.91
032	Hope	435	1.29	*	69	65.97	1.05		0.81	–	1.32
033	Chilliwack	2,841	1.04	*	597	552.01	1.08		1.00	–	1.17
034	Abbotsford	4,088	0.98		845	846.35	1.00		0.93	–	1.07
035	Langley	3,587	0.99		721	835.14	0.86	*	0.80	–	0.93
036	Surrey	10,314	0.92	*	2,226	2,583.51	0.86	*	0.83	–	0.90
037	Delta	2,625	0.87	*	546	685.74	0.80	*	0.73	–	0.87
038	Richmond	3,949	0.86	*	817	950.44	0.86	*	0.80	–	0.92
040	New Westminster	2,573	1.16	*	510	425.04	1.20	*	1.10	–	1.31
041	Burnaby	6,729	1.00		1,407	1,319.54	1.07	*	1.01	–	1.12
042	Maple Ridge	2,330	1.12	*	484	434.11	1.11	*	1.02	–	1.22
043	Coquitlam	4,240	0.99		873	894.64	0.98		0.91	–	1.04
044	North Vancouver	3,912	0.95	*	789	839.85	0.94		0.88	–	1.01
045	West Vancouver–Bowen Is.	2,308	0.85	*	459	540.73	0.85	*	0.77	–	0.93
046	Sunshine Coast	1,161	1.01		233	232.87	1.00		0.88	–	1.14
047	Powell River	829	1.00		183	167.03	1.10		0.94	–	1.27
048	Howe Sound	528	1.08		100	103.60	0.97		0.79	–	1.17
049	Bella Coola Valley	86	1.32	*	18	13.48	1.34		0.79	–	2.11
050	Queen Charlotte	138	1.33	*	28	21.27	1.32		0.87	–	1.90
051	Snow Country	21	1.75	*	3	2.38	1.26		0.25	–	3.68
052	Prince Rupert	451	1.21	*	89	72.49	1.23		0.99	–	1.51
053	Upper Skeena	127	1.22	*	27	20.14	1.34		0.88	–	1.95
054	Smithers	361	1.04		81	70.51	1.15		0.91	–	1.43
055/093	Burns Lake/Eutsuk	221	1.17	*	38	38.32	0.99		0.70	–	1.36
056	Nechako	449	1.22	*	83	75.55	1.10		0.87	–	1.36
057	Prince George	2,303	1.20	*	502	393.71	1.28	*	1.17	–	1.39
059	Peace River South	741	1.13	*	152	128.34	1.18	*	1.00	–	1.39
060	Peace River North	537	0.99		101	108.59	0.93		0.76	–	1.13
061	Greater Victoria	11,243	1.02	*	2,227	2,109.94	1.06	*	1.01	–	1.10
062	Sooke	1,387	1.00		317	286.10	1.11		0.99	–	1.24
063	Saanich	2,748	0.84	*	581	680.46	0.85	*	0.79	–	0.93
064	Gulf Islands	686	0.89	*	126	153.78	0.82	*	0.68	–	0.98
065	Cowichan	1,903	0.97		425	402.54	1.06		0.96	–	1.16
066	Lake Cowichan	165	0.84	*	27	39.89	0.93		0.65	–	1.28
067	Ladysmith	868	1.19	*	164	141.10	1.16		0.99	–	1.35
068	Nanaimo	3,527	1.02		780	728.19	1.07		1.00	–	1.15
069	Qualicum	1,984	0.92	*	449	456.31	0.98		0.90	–	1.08
070	Alberni	1,233	1.18	*	268	211.16	1.26	*	1.11	–	1.42
071	Courtenay	2,122	1.04		445	428.11	1.04		0.95	–	1.14
072/084	Campbell River/V.I. West	1,223	1.10	*	236	231.61	1.02		0.89	–	1.16
075	Mission	1,222	1.19	*	237	205.58	1.15	*	1.01	–	1.31
076	Agassiz–Harrison	300	1.18	*	74	51.43	1.44	*	1.13	–	1.81
077	Summerland	714	1.01		145	139.47	1.04		0.88	–	1.22
078	Enderby	331	1.08		78	59.90	1.30	*	1.03	–	1.63
080	Kitimat	244	1.07		53	46.75	1.13		0.85	–	1.48
081	Fort Nelson	87	1.21		14	14.09	0.99		0.54	–	1.67
083	Central Coast	61	2.08	*	7	5.76	1.21		0.49	–	2.50
085	Vancouver Island North	309	1.27	*	56	49.16	1.14		0.86	–	1.48
087/094	Stikine/Telegraph Creek	45	1.20		8	7.67	1.04		0.45	–	2.06
088	Terrace	520	1.17	*	101	91.10	1.11		0.90	–	1.35
092	Nisga'a	49	1.48	*	9	7.49	1.20		0.55	–	2.28
161	Vancouver City Centre	3,470	1.15	*	651	581.00	1.12	*	1.04	–	1.21
162	Vancouver Downtown E. Side	2,958	1.63	*	536	342.03	1.57	*	1.44	–	1.71
163	Vancouver North East	2,805	0.95	*	586	590.69	0.99		0.91	–	1.08
164	Vancouver West Side	4,047	0.85	*	817	911.02	0.90	*	0.84	–	0.96
165	Vancouver Midtown	2,648	1.07	*	486	477.26	1.02		0.93	–	1.11
166	Vancouver South	4,067	0.93	*	774	852.30	0.91	*	0.85	–	0.97
039	**VANCOUVER TOTAL**	**20,062**	**1.03**	*	**3,867**	**3,754.29**	**1.03**		**1.00**	–	**1.06**
	N.S.	51			3						
	PROVINCIAL TOTAL	**137,611**	**1.00**		**28,164**		**1.00**				

Note: SMR – Standardized Mortality Ratio. *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). LHA 039 Vancouver Total may include unspecified Vancouver addresses. N.S. – Not stated. Non-residents and gender unknown are excluded.

FIGURE 18

ALL CAUSES OF DEATH BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1996–2000



Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 33/FIGURE 18

- There were 28,164 deaths in the province in 2001, and a total of 137,611 deaths in the 1996–2000 period from all causes of death.
- There were 14 Local Health Areas (LHAs) with Standardized Mortality Ratios (SMR) for all causes of death which were statistically significant and high in 2001. The five highest (with number of deaths in parentheses) were:

031	Merritt	1.58	(107)
162	Vancouver Downtown E. Side	1.57	(536)
076	Agassiz–Harrison	1.44	(74)
078	Enderby	1.30	(78)
057	Prince George	1.28	(502)

- There were 11 LHAs with SMR values for all causes that were statistically significant and low in 2001. The five lowest (with number of deaths in parentheses) were:

004	Windermere	0.64	(35)
037	Delta	0.80	(546)
064	Gulf Islands	0.82	(126)
045	West Vancouver–Bowen Is.	0.85	(459)
063	Saanich	0.85	(581)

- There were 37 LHAs with Standardized Mortality Ratios (SMR) for all causes of death which were statistically significant and high in 1996–2000. The five highest (with number of deaths in parentheses) were:

083	Central Coast	2.08	(61)
051	Snow Country	1.75	(21)
162	Vancouver Downtown E. Side	1.63	(2,958)
092	Nisga'a	1.48	(49)
029	Lillooet	1.37	(172)

- There were 16 LHAs with SMR values for all causes that were statistically significant and low in 1996–2000. The five lowest (with number of deaths in parentheses) were:

004	Windermere	0.77	(205)
066	Lake Cowichan	0.84	(165)
063	Saanich	0.84	(2,748)
045	West Vancouver–Bowen Is.	0.85	(2,308)
164	Vancouver West Side	0.85	(4,047)

TABLE 34

POTENTIAL YEARS OF LIFE LOST AND AGE STANDARDIZED MORTALITY RATES BY SELECTED CAUSES OF DEATH

BRITISH COLUMBIA, 2001

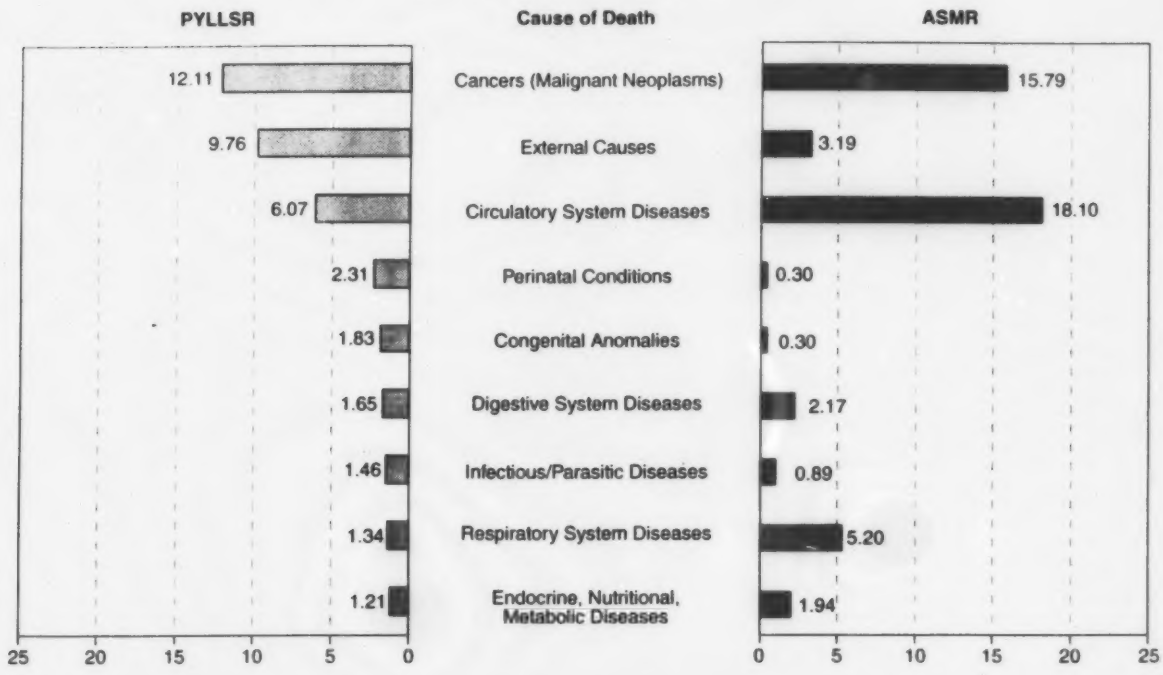
Cause of Death	ICD-10 Code(s)	PYLL (Age Under 75 Years) No. of Deaths	Total PYLL	Percent of PYLL	Average PYLL	PYLLSR	Mortality (All Ages) No. of Deaths	Percent of Deaths	ASMR
Infectious/parasitic diseases	**A00–B99**	**270**	**6,096**	**3.3**	**22.6**	**1.46**	**437**	**1.6**	**0.89**
– HIV disease	B20–B24	109	3,318	1.8	30.4	0.81	109	0.4	0.25
Cancer (malignant neoplasms)	**C00–C97**	**4,175**	**53,154**	**28.8**	**12.7**	**12.11**	**7,767**	**27.6**	**15.79**
– Lung	C33–C34	1,180	12,990	7.0	11.0	2.91	1,989	7.1	4.12
– Female breast	C50.0–C50.9	384	6,140	3.3	16.0	2.67	600	2.1	2.26
– Colorectal	C18–C21	349	4,088	2.2	11.7	0.93	716	2.5	1.44
Endocrine/nutritional/metabolic diseases	**E00–E89**	**381**	**4,984**	**2.7**	**13.1**	**1.21**	**998**	**3.5**	**1.94**
– Diabetes	E10–E14	308	3,395	1.8	11.0	0.79	784	2.8	1.53
Circulatory system diseases	**I00–I99**	**2,446**	**26,294**	**14.3**	**10.7**	**6.07**	**9,734**	**34.6**	**18.10**
– Ischemic heart disease	I20–I25	1,402	14,205	7.7	10.1	3.24	4,915	17.5	9.27
– Cerebrovascular disease	I60–I69	434	4,240	2.3	9.8	0.98	2,272	8.1	4.13
Respiratory system diseases	**J00–J99**	**604**	**5,479**	**3.0**	**9.1**	**1.34**	**2,817**	**10.0**	**5.20**
– Pneumonia/influenza	J10–J18.1, J18.8–J18.9	145	1,845	1.0	12.7	0.44	1,163	4.1	2.05
– Chronic lung disease	J40–J44	332	2,095	1.1	6.3	0.51	1,210	4.3	2.31
Digestive system diseases	**K00–K93**	**485**	**7,227**	**3.9**	**14.9**	**1.65**	**1,108**	**3.9**	**2.17**
– Chronic liver disease/cirrhosis	K70, K73–K74, K76.0–K76.1	222	3,620	2.0	16.3	0.79	263	0.9	0.56
Congenital anomalies	**Q00–Q99**	**91**	**5,249**	**2.8**	**57.7**	**1.83**	**99**	**0.4**	**0.30**
Perinatal conditions	**P00–P96**	**81**	**6,035**	**3.3**	**74.5**	**2.31**	**83**	**0.3**	**0.30**
External causes	**V01–Y98**	**1,103**	**36,891**	**20.0**	**33.4**	**9.76**	**1,422**	**5.0**	**3.19**
– Motor vehicle accidents[1]	V02–V04,...Y85.0	277	10,787	5.8	38.9	2.96	307	1.1	0.75
– Suicide	X60–X84, Y87.0	298	8,920	4.8	29.9	2.27	315	1.1	0.72
Other causes[2]		**1,414**	**33,062**	**17.9**	**23.4**	**8.60**	**3,699**	**13.1**	**7.21**
All causes		**11,050**	**184,468**	**100.0**	**16.7**	**46.35**	**28,164**	**100.0**	**55.08**

Note: PYLL – Potential Years of Life Lost, denotes the total number of years of life lost from an established life expectancy (75 years).
PYLLSR – PYLL Standardized Rate per 1,000 standard population (Canada 1991 Census).
ASMR – Age Standardized Mortality Rate per 10,000 standard population (Canada 1991 Census).
[1]ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V82.0–V82.1, V82.3–V89.0, V89.2, V89.9, Y85.0.
[2]Other causes includes undetermined and pending.
Total percentage may not add up to 100 due to rounding. Non-residents and gender unknown are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 19

POTENTIAL YEARS OF LIFE LOST AND AGE STANDARDIZED MORTALITY RATES BY SELECTED CAUSES OF DEATH

BRITISH COLUMBIA, 2001



Note: PYLLSR – Potential Years of Life Lost Standardized Rate (age under 75 years) per 1,000 standard population.
ASMR – Age Standardized Mortality Rate per 10,000 standard population.

HIGHLIGHTS TO TABLE 34/FIGURE 19

- Out of the 28,164 deaths in B.C. in 2001, 11,050 (39.2%) were under age 75. The proportion of 'premature' deaths varied considerably by cause of death:
  - 1,103 deaths from external causes (accidents and violence) were premature (77.6% of the 1,422 deaths from this cause)
  - 4,175 cancer deaths were premature (53.8% of 7,767 deaths)
  - 2,446 circulatory system deaths were premature (25.1% of 9,734 deaths)
  - 604 respiratory system deaths were premature (21.4% of 2,817 deaths).
- Potential Years of Life Lost (PYLL) is used as an alternative measure of mortality to reflect the impact of deaths that occur at younger ages. For every death under the age of 75, there are potential years of life lost. A comparison of deaths from infectious/parasitic diseases and perinatal conditions illustrates the value of PYLL as an indicator. Infectious/parasitic diseases were responsible for 270 deaths and 6,096 potential years of life lost in 2001. In contrast, the 81 deaths from perinatal conditions resulted in almost the same number of PYLL (6,035) since almost all of these deaths were infants.
- In 2001, an average of 16.7 years of life were lost per death under 75 years of age. The causes of death shown in the table that had the highest average Potential Years of Life Lost (PYLL) were:
  - 74.5 years lost per death due to perinatal conditions
  - 57.7 years lost per death due to congenital anomalies
  - 33.4 years lost per death due to external causes.
- The Potential Years of Life Lost Standardized Rate (PYLLSR) for deaths from all causes in 2001 was 46.35 potential years of life lost per 1,000 standard population.

TABLE 35

POTENTIAL YEARS OF LIFE LOST BY AGE GROUP AND MAJOR CAUSES OF DEATH (AGE UNDER 75 YEARS)

BRITISH COLUMBIA, 2001

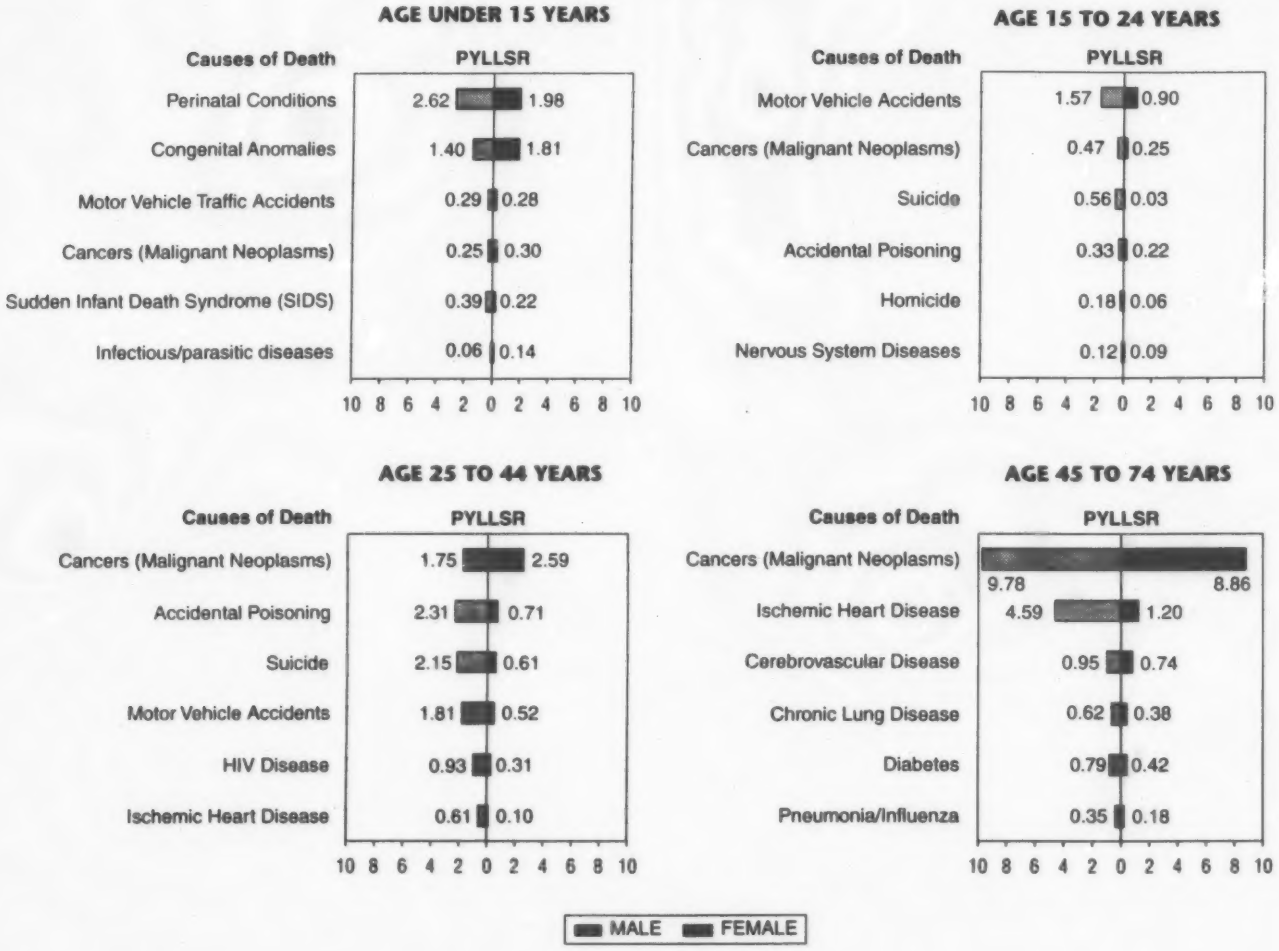
Cause of Death	ICD-10 Code(s)	Total				Male				Female			
		Deaths	PYLL	PYLL %	PYLLSR	Deaths	PYLL	PYLL %	PYLLSR	Deaths	PYLL	PYLL %	PYLLSR
Under 15 Years Old													
Perinatal conditions	P00–P96	47	3,502	35.6	2.62	34	2,533	30.3	1.98	81	6,035	33.2	2.31
Congenital anomalies	Q00–Q99	27	1,959	19.9	1.40	32	2,365	28.3	1.81	59	4,324	23.8	1.60
Motor vehicle accidents[1]	V02–V04,...Y85.0	8	525	5.3	0.29	7	467	5.6	0.28	15	992	5.4	0.29
Cancer (malignant neoplasms)	C00–C97	7	453	4.6	0.25	7	474	5.7	0.30	14	926	5.1	0.27
Sudden infant death syndrome (SIDS)	R95	7	522	5.3	0.39	4	296	3.5	0.22	11	817	4.5	0.31
Infectious/parasitic diseases	A00–B99	1	75	0.8	0.06	3	212	2.5	0.14	4	286	1.6	0.10
Other causes[2]		41	2,793	28.4	1.73	29	2,022	24.2	1.35	70	4,815	26.5	1.55
All causes		**138**	**9,826**	**100.0**	**6.74**	**116**	**8,367**	**100.0**	**6.09**	**254**	**18,193**	**100.0**	**6.42**
15–24 Years Old													
Motor vehicle accidents[1]	V02–V04,...Y85.0	53	2,868	25.9	1.57	29	1,613	29.4	0.90	82	4,480	27.1	1.23
Cancer (malignant neoplasms)	C00–C97	16	890	8.0	0.47	8	435	7.9	0.25	24	1,325	8.0	0.36
Suicide	X60–X84, Y87.0	19	1,023	9.2	0.56	1	53	1.0	0.03	20	1,075	6.5	0.30
Accidental poisoning	X40–X49	11	588	5.3	0.33	7	383	7.0	0.22	18	970	5.9	0.27
Homicide	X85–Y09, Y87.1	6	315	2.8	0.18	2	110	2.0	0.06	8	425	2.6	0.12
Nervous system diseases	G00–G99	4	215	1.9	0.12	3	158	2.9	0.09	7	373	2.2	0.11
Other causes[2]		95	5,178	46.7	2.81	50	2,735	49.9	1.54	145	7,913	47.8	2.18
All causes		**204**	**11,075**	**100.0**	**6.03**	**100**	**5,485**	**100.0**	**3.08**	**304**	**16,560**	**100.0**	**4.58**
25–44 Years Old													
Cancer (malignant neoplasms)	C00–C97	98	3,480	10.5	1.75	146	5,170	32.6	2.59	244	8,650	17.7	2.17
Accidental poisoning	X40–X49	104	4,075	12.3	2.31	33	1,278	8.1	0.71	137	5,353	10.9	1.52
Suicide	X60–X84, Y87.0	98	3,815	11.5	2.15	29	1,103	7.0	0.61	127	4,918	10.0	1.38
Motor vehicle accidents[1]	V02–V04,...Y85.0	78	3,120	9.4	1.81	22	880	5.6	0.52	100	4,000	8.2	1.17
HIV disease	B20–B24	49	1,793	5.4	0.93	13	533	3.4	0.31	62	2,325	4.8	0.62
Ischemic heart disease	I20–I25	35	1,233	3.7	0.61	6	210	1.3	0.10	41	1,443	2.9	0.36
Other causes[2]		405	15,573	47.1	8.63	175	6,678	42.1	3.70	580	22,250	45.5	6.17
All causes		**867**	**33,088**	**100.0**	**18.19**	**424**	**15,850**	**100.0**	**8.54**	**1,291**	**48,938**	**100.0**	**13.38**
45–74 Years Old													
Cancer (malignant neoplasms)	C00–C97	2,147	21,578	34.8	9.78	1,746	20,675	53.3	8.86	3,893	42,253	41.9	9.31
Ischemic heart disease	I20–I25	1,015	10,163	16.4	4.59	346	2,600	6.7	1.20	1,361	12,763	12.7	2.88
Cerebrovascular disease	I60–I69	236	2,070	3.3	0.95	184	1,655	4.3	0.74	420	3,725	3.7	0.84
Chronic lung disease	J40–J44	202	1,270	2.0	0.62	129	788	2.0	0.38	331	2,058	2.0	0.50
Diabetes	E10–E14	180	1,780	2.9	0.79	110	925	2.4	0.42	290	2,705	2.7	0.60
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	82	805	1.3	0.35	49	418	1.1	0.18	131	1,223	1.2	0.26
Other causes[2]		1,774	24,355	39.3	10.19	1,001	11,698	30.2	4.99	2,775	36,053	35.8	7.58
All causes		**5,636**	**62,020**	**100.0**	**27.27**	**3,565**	**38,758**	**100.0**	**16.77**	**9,201**	**100,778**	**100.0**	**21.97**

Note: PYLL – Potential Years of Life Lost, denotes the total number of years of life lost from an established life expectancy (75 years).
PYLLSR – PYLL Standardized Rate per 1,000 standard population (Canada 1991 Census).
[1]ICD-10 codes V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V82.0–V82.1, V82.3–V89.0, V89.2, V89.9, Y85.0.
[2]Other causes includes undetermined and pending. Causes of death are ordered by total deaths (age under 75 years).
Total percentage may not add up to 100 due to rounding. Non-residents and gender unknown are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 20

POTENTIAL YEARS OF LIFE LOST STANDARDIZED RATES BY AGE GROUP AND GENDER MAJOR CAUSES OF DEATH (AGE UNDER 75 YEARS)

BRITISH COLUMBIA, 2001


AGE UNDER 15 YEARS
Causes of Death
PYLLSR
Perinatal Conditions 2.62 1.98
Congenital Anomalies 1.40 1.81
Motor Vehicle Traffic Accidents 0.29 0.28
Cancers (Malignant Neoplasms) 0.25 0.30
Sudden Infant Death Syndrome (SIDS) 0.39 0.22
Infectious/parasitic diseases 0.06 0.14
10 8 6 4 2 0 2 4 6 8 10
AGE 15 TO 24 YEARS
Causes of Death
PYLLSR
Motor Vehicle Accidents 1.57 0.90
Cancers (Malignant Neoplasms) 0.47 0.25
Suicide 0.56 0.03
Accidental Poisoning 0.33 0.22
Homicide 0.18 0.06
Nervous System Diseases 0.12 0.09
10 8 6 4 2 0 2 4 6 8 10
AGE 25 TO 44 YEARS
Causes of Death
PYLLSR
Cancers (Malignant Neoplasms) 1.75 2.59
Accidental Poisoning 2.31 0.71
Suicide 2.15 0.61
Motor Vehicle Accidents 1.81 0.52
HIV Disease 0.93 0.31
Ischemic Heart Disease 0.61 0.10
10 8 6 4 2 0 2 4 6 8 10
AGE 45 TO 74 YEARS
Causes of Death
PYLLSR
Cancers (Malignant Neoplasms) 9.78 8.86
Ischemic Heart Disease 4.59 1.20
Cerebrovascular Disease 0.95 0.74
Chronic Lung Disease 0.62 0.38
Diabetes 0.79 0.42
Pneumonia/Influenza 0.35 0.18
10 8 6 4 2 0 2 4 6 8 10
MALE
FEMALE

Note: Causes of death are ordered by total deaths (Table 35).
PYLLSR–PYLL Standardized Rate per 1,000 population.

HIGHLIGHTS TO TABLE 35/FIGURE 20

- In 2001, there were 254 deaths in the under 15 year age group, 138 young men and 116 young women. These deaths resulted in a total of 18,193 potential years of life lost (PYLL). Perinatal conditions and congenital anomalies accounted for 33.2% and 23.8% of PYLL, respectively. The Potential Years of Life Lost Standardized Rate (PYLLSR) in this age group was 6.42 years of life lost per 1,000 standard population in the age group.
- In the 15–24 year age group, a total of 16,560 potential years of life were lost from the 304 deaths in 2001, resulting in a PYLLSR of 4.58 potential years of life lost per 1,000 standard population in this age group. Males accounted for 204 of these deaths and had almost twice the PYLLSR (6.03) than females (3.08). Motor vehicle accidents were a major cause of death in this age group, responsible for 82 deaths and 4,480 PYLL.
- In the 'prime of life' 25–44 year age group, there were 1,291 deaths in 2001, producing a total of 48,938 potential years of life lost and a PYLL standardized rate of 13.38 PYLL per 1,000 standard population in this age group. Among the 867 male deaths, the highest PYLL standardized rates were for accidental poisoning (2.31) and suicide (2.15). For the 424 female deaths, the highest PYLLSR was for cancer (2.59). The PYLLSR for males (18.19) was more than twice the rate for females (8.54).
- In the 45–74 year age group, the 9,201 deaths resulted in a total of 100,778 potential years of life lost in 2001, and a PYLLSR of 21.97 per 1,000 standard population in this age group. Cancer was the leading cause of death in this category; the 3,893 deaths from cancer were responsible for a total of 42,253 potential years of life lost, and a PYLLSR of 9.31. As in other age groups, the PYLLSR for males (27.27) was considerably higher than for females (16.77).

POTENTIAL YEARS OF LIFE LOST BY LOCAL HEALTH AREA
EXTERNAL CAUSES OF DEATH (AGE UNDER 75 YEARS)

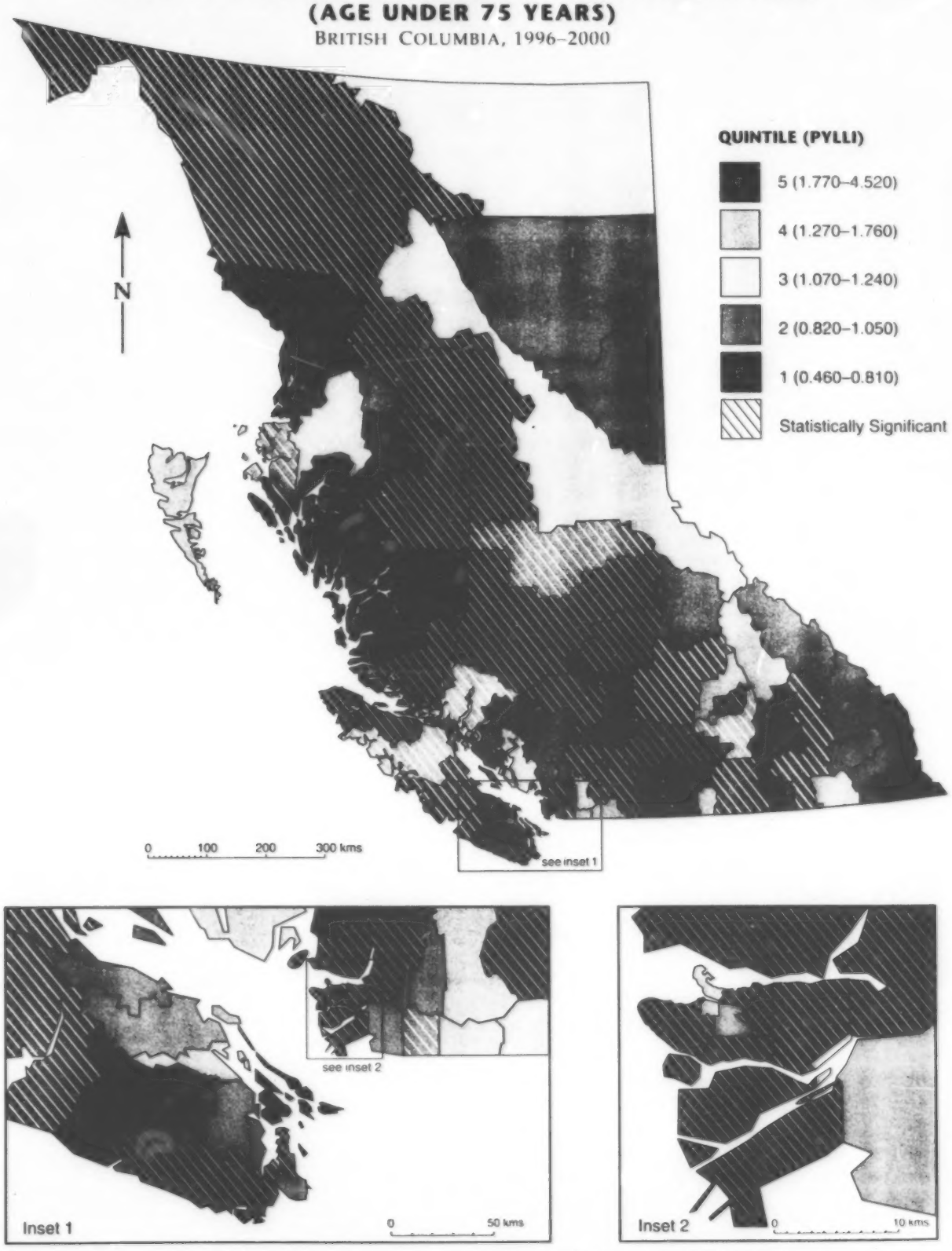
Local Health Area		1996–2000 Observed Deaths	1996–2000 Observed PYLL	1996–2000 PYLL Index (p)	2001 Observed Deaths	2001 Observed PYLL	2001 Expected PYLL	2001 PYLL Index (p)	95% Confidence Limit Lower	95% Confidence Limit Upper
001	Fernie	25	938	0.75	7	233	171.88	1.35	0.34 –	2.37
002	Cranbrook	58	1,825	0.98	9	233	233.64	1.00	0.17 –	1.82
003	Kimberley	21	603	0.97	2	50	79.21	0.63	0.00 –	1.61
004	Windermere	16	607	0.91	4	155	95.31	1.63	0.00 –	3.45
005	Creston	30	905	1.16	7	237	99.54	2.38	0.22 –	4.54
006/007	Kootenay Lake/Nelson	101	3,619	1.76 *	15	438	264.35	1.66	0.75 –	2.56
009	Castlegar	36	1,250	1.29	6	205	122.27	1.68	0.21 –	3.14
010	Arrow Lakes	13	458	1.27	3	173	45.50	3.79	0.00 –	8.12
011	Trail	51	1,827	1.31	7	233	168.19	1.38	0.26 –	2.50
012/013	Grand Forks/Kettle Valley	43	1,390	1.62 *	4	95	108.37	0.88	0.00 –	1.82
014	Southern Okanagan	39	1,263	1.22	9	228	132.44	1.72	0.37 –	3.07
015	Penticton	76	2,120	0.86	14	460	309.19	1.49	0.63 –	2.34
016	Keremeos	16	620	2.29	4	165	34.69	4.76	0.00 –	9.96
017	Princeton	19	533	1.54	3	103	45.38	2.26	0.00 –	5.03
018	Golden	19	858	1.44	4	165	77.27	2.14	0.00 –	4.32
019	Revelstoke	21	788	1.20	4	175	79.69	2.20	0.00 –	4.47
020	Salmon Arm	76	2,530	1.22	11	303	275.92	1.10	0.32 –	1.87
021	Armstrong–Spallumcheen	21	718	1.07	2	85	86.62	0.98	0.00 –	2.42
022	Vernon	136	4,875	1.24 *	28	870	503.99	1.73	0.98 –	2.47
023	Central Okanagan	236	7,505	0.75 *	45	1,433	1,295.80	1.11	0.75 –	1.46
024	Kamloops	305	10,537	1.39 *	39	1,338	971.40	1.38	0.91 –	1.85
025	100 Mile House	66	2,210	1.98 *	9	307	142.98	2.15	0.55 –	3.74
026	North Thompson	13	530	1.35	4	85	50.34	1.69	0.00 –	3.64
027	Cariboo–Chilcotin	119	4,607	2.07 *	17	570	279.93	2.03	0.88 –	3.18
028	Quesnel	85	2,814	1.40 *	12	380	253.72	1.50	0.54 –	2.46
029	Lillooet	24	780	2.10 *	4	140	46.23	3.03	0.00 –	6.08
030	South Cariboo	22	855	1.60	6	205	68.35	3.00	0.38 –	5.62
031	Merritt	61	2,222	2.55 *	9	373	110.89	3.37	0.94 –	5.79
032	Hope	44	1,310	2.36 *	3	133	69.19	1.91	0.00 –	4.10
033	Chilliwack	163	5,316	1.12	28	970	604.10	1.60	0.92 –	2.29
034	Abbotsford	233	8,604	1.07	43	1,528	1,023.83	1.49 *	1.01 –	1.98
035	Langley	187	6,502	0.82 *	17	648	989.42	0.65 *	0.32 –	0.99
036	Surrey	663	23,971	0.96	70	2,785	3,122.56	0.89	0.67 –	1.11
037	Delta	97	3,473	0.48 *	13	423	895.81	0.47 *	0.20 –	0.74
038	Richmond	166	5,575	0.46 *	19	613	1,569.45	0.39 *	0.20 –	0.58
040	New Westminster	142	4,845	1.19	21	658	505.28	1.30	0.70 –	1.90
041	Burnaby	300	10,332	0.71 *	29	813	1,816.71	0.45 *	0.27 –	0.63
042	Maple Ridge	138	4,810	0.87	26	890	717.47	1.24	0.71 –	1.77
043	Coquitlam	222	7,801	0.55 *	32	1,050	1,782.37	0.59 *	0.37 –	0.80
044	North Vancouver	175	6,209	0.66 *	9	288	1,161.69	0.25 *	0.07 –	0.43
045	West Vancouver–Bowen Is.	54	1,700	0.56 *	4	50	383.19	0.13 +	0.00 –	0.28
046	Sunshine Coast	64	2,025	1.18	7	233	224.04	1.04	0.24 –	1.84
047	Powell River	46	1,372	0.99	2	70	173.59	0.40 +	0.00 –	0.97
048	Howe Sound	87	3,362	1.28	9	363	351.47	1.03	0.33 –	1.73
049	Bella Coola Valley	20	480	1.87	1	53	32.70	1.61	0.00 –	4.75
050	Queen Charlotte	21	602	1.30	5	148	59.66	2.47	0.20 –	4.74
051	Snow Country	6	190	2.70	1	33	7.87	4.13	0.00 –	12.23
052	Prince Rupert	58	2,085	1.40 *	10	330	180.60	1.83	0.52 –	3.13
053	Upper Skeena	20	730	1.54	2	95	61.27	1.55	0.00 –	3.75
054	Smithers	35	1,334	0.92	14	535	181.77	2.94 *	1.30 –	4.59
055/093	Burns Lake/Eutsuk	28	1,132	1.96 *	5	206	73.30	2.83	0.27 –	5.39
056	Nechako	73	2,984	2.13 *	8	245	178.06	1.37	0.22 –	2.53
057	Prince George	264	9,573	1.15	36	1,150	1,049.53	1.10	0.70 –	1.49
059	Peace River South	68	2,294	1.04	14	430	256.89	1.67	0.70 –	2.65
060	Peace River North	62	2,294	0.97	12	480	316.79	1.52	0.60 –	2.43
061	Greater Victoria	428	13,677	0.95	54	1,735	1,783.46	0.97	0.69 –	1.25
062	Sooke	80	2,715	0.69 *	11	402	497.26	0.81	0.27 –	1.35
063	Saanich	80	2,565	0.69 *	11	318	465.54	0.68	0.21 –	1.15
064	Gulf Islands	20	600	0.73	4	120	109.55	1.10	0.00 –	2.26
065	Cowichan	103	3,762	1.05	15	538	466.07	1.15	0.52 –	1.78
066	Lake Cowichan	10	375	0.81	2	35	58.94	0.59	0.00 –	1.42
067	Ladysmith	40	1,230	1.22	4	130	120.22	1.08	0.00 –	2.18
068	Nanaimo	202	6,771	1.05	29	952	830.75	1.15	0.67 –	1.62
069	Qualicum	70	2,300	1.01	8	275	302.04	0.91	0.20 –	1.62
070	Alberni	103	3,881	1.63 *	12	425	301.36	1.41	0.58 –	2.24
071	Courtenay	141	5,073	1.27 *	26	865	511.89	1.69	0.95 –	2.43
072/084	Campbell River/V.I. West	119	4,213	1.24 *	20	530	421.78	1.26	0.63 –	1.89
075	Mission	88	2,940	1.10	8	265	339.22	0.78	0.21 –	1.36
076	Agassiz–Harrison	31	1,128	1.83 *	6	220	83.51	2.63	0.34 –	4.93
077	Summerland	17	538	0.81	4	165	83.81	1.97	0.00 –	3.98
078	Enderby	29	953	1.88 *	1	13	66.32	0.19 +	0.00 –	0.56
080	Kitimat	22	800	0.80	6	270	121.28	2.23	0.39 –	4.06
081	Fort Nelson	17	613	1.12	2	115	68.60	1.68	0.00 –	4.00
083	Central Coast	8	305	1.94	1	13	21.03	0.59	0.00 –	1.76
085	Vancouver Island North	54	2,169	1.77 *	8	210	150.03	1.40	0.38 –	2.42
087/094	Stikine/Telegraph Creek	16	675	4.52 *	–	–	18.79	–	– –	–
088	Terrace	61	2,098	1.14	7	198	229.48	0.86	0.08 –	1.65
092	Nisga'a	9	368	2.03	1	8	25.15	0.30 +	0.00 –	0.88
161	Vancouver City Centre	278	8,945	1.07	20	590	1,237.24	0.48 *	0.25 –	0.70
162	Vancouver Downtown E. Side	486	15,917	3.60 *	48	1,475	569.13	2.59 *	1.81 –	3.38
163	Vancouver North East	164	5,767	0.81 *	14	520	891.63	0.58 *	0.25 –	0.91
164	Vancouver West Side	143	4,848	0.51 *	7	243	1,229.41	0.20 *	0.04 –	0.36
165	Vancouver Midtown	185	6,593	0.97	13	413	838.63	0.49 *	0.21 –	0.77
166	Vancouver South	183	5,692	0.64 *	26	935	1,107.37	0.84	0.49 –	1.20
039	VANCOUVER TOTAL	1,486	48,688	1.06 *	134	4,395	5,873.42	0.75 *	0.61 –	0.88
	N.S.	26			1					
	PROVINCIAL TOTAL	8,424		1.00	1,103			1.00		

Note: * Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed).
+ Denotes significance based on less than five deaths. PYLL and PYLL Index: see glossary for more details. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated.

FIGURE 21

EXTERNAL CAUSES OF DEATH BY LOCAL HEALTH AREA (AGE UNDER 75 YEARS)

BRITISH COLUMBIA, 1996–2000



Note: PYLLI – Potential Years of Life Lost Index. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 36/FIGURE 21

- There were three Local Health Areas (LHAs) with statistically significant and high Potential Years of Life Lost Index (PYLLI) for under 75 years of age, for external causes of death or accidents and violence, based on at least five deaths in 2001. These LHAs, along with their PYLLI values for 2001 (number of deaths in parentheses) were:

054	Smithers	2.94	(14)
162	Vancouver Downtown E. Side	2.59	(48)
034	Abbotsford	1.49	(43)

- From the above LHAs, only Vancouver Downtown E. Side also had statistically significant and high PYLLI values for external causes of death (age under 75 years) in 1996–2000.

- Ten LHAs had PYLLI values for external causes in 2001 that were statistically significant and low, based on five or more deaths. The PYLLI for the five lowest LHAs (number of deaths in parentheses) were:

164	Vancouver West Side	0.20	(7)
044	North Vancouver	0.25	(9)
038	Richmond	0.39	(19)
041	Burnaby	0.45	(29)
037	Delta	0.47	(13)

- All of the above LHAs also had statistically significant and low PYLLI values for external causes of death (age under 75 years) in 1996–2000.

- In the 1996–2000 period, a total of 21 LHAs had PYLLI values for external causes that were statistically significant and high. The five LHAs with the highest statistically significant index values for this five-year period (number of deaths in parentheses) were:

087/094	Stikine/Telegraph Creek	4.52	(16)
162	Vancouver Downtown E. Side	3.60	(486)
031	Merritt	2.55	(61)
032	Hope	2.36	(44)
056	Nechako	2.13	(73)

- In the 1996–2000 period, 13 LHAs had PYLLI values for external causes that were statistically significant and low, based on five or more deaths. The five LHAs with the lowest index values that were statistically significant for this five-year period (number of deaths in parentheses) were:

038	Richmond	0.46	(166)
037	Delta	0.48	(97)
164	Vancouver West Side	0.51	(143)
043	Coquitlam	0.55	(222)
045	West Vancouver–Bowen Is.	0.56	(54)

TABLE 37

DEATHS DUE TO MEDICALLY TREATABLE DISEASES BY SELECTED CAUSES AND GENDER

BRITISH COLUMBIA, 1996–2000 AND 2001

Cause of Death	ICD-10 Code(s)	1996–2000		2001					
				Male		Female		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Hypertensive disease	I10–I15	75	12.2	12	21.4	9	13.6	21	17.2
Cervical cancer	C53	147	23.8	0	0.0	27	40.9	27	22.1
Pneumonia and unqualified bronchitis	J12–J18.1, J18.8–J18.9, J40	147	23.8	11	19.6	10	15.2	21	17.2
Tuberculosis	A15–A19, B90	17	2.8	2	3.6	2	3.0	4	3.3
Asthma	J45, J46	29	4.7	3	5.4	1	1.5	4	3.3
Chronic rheumatic heart disease	I05–I09	10	1.6	1	1.8	–	–	1	0.8
Acute respiratory infections and influenza	J00–J06, J20–J22, J10–J11	5	0.8	–	–	–	–	–	–
Bacterial infections*	A00–A05, ..., M87.1	146	23.7	21	37.5	14	21.2	35	28.7
Hodgkin's disease	C81	10	1.6	2	3.6	1	1.5	3	2.5
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis	K40–K46, K80–K81, K35–K37	30	4.9	4	7.1	2	3.0	6	4.9
Deficiency nutritional anemias	D50–D53	1	0.2	–	–	–	–	–	–
TOTAL		**617**	**100.0**	**56**	**100.0**	**66**	**100.0**	**122**	**100.0**

Note: Medically Treatable Diseases based on Charlton's definition (see Glossary).
*ICD-10 codes A00–A05, A20–A49, B95–B96, G00, H66, H70, H95.0–H95.1, I00–I01, I02.0, I02.9, L01–L08, M00, M02.8–M02.9, M46.2, M86, M87.1.
Total percentage may not add up to 100 due to rounding.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

HIGHLIGHTS TO TABLE 37

- The medically treatable diseases presented in this table were selected according to Charlton's definition based on mortality in specific age groups that could potentially be avoided through appropriate medical attention (see Glossary). There were 122 deaths in 2001 that were identified as medically treatable according to this definition.
- Females accounted for 66 deaths from medically treatable diseases in 2001. Of the female deaths, almost three in seven (40.9%) were due to cervical cancer (27 deaths), more than one fifth (21.2%) were due to bacterial infections (14), and more than one in seven (15.2%) were due to pneumonia and unqualified bronchitis (10). In comparison, there were 56 male deaths (45.9%) from medically treatable diseases. In total, over a third (37.5%) of these male deaths were from bacterial infections (21), about one in five (21.4%) were due to hypertensive disease (12), and one fifth (19.6%) were from pneumonia and unqualified bronchitis (11).
- In the 1996–2000 period, three categories accounted for seven in ten of the 617 deaths from medically treatable diseases. These were cervical cancer (147 deaths), pneumonia and unqualified bronchitis (147), and bacterial infections (146).

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA
DEATHS DUE TO SELECTED MEDICALLY TREATABLE DISEASES

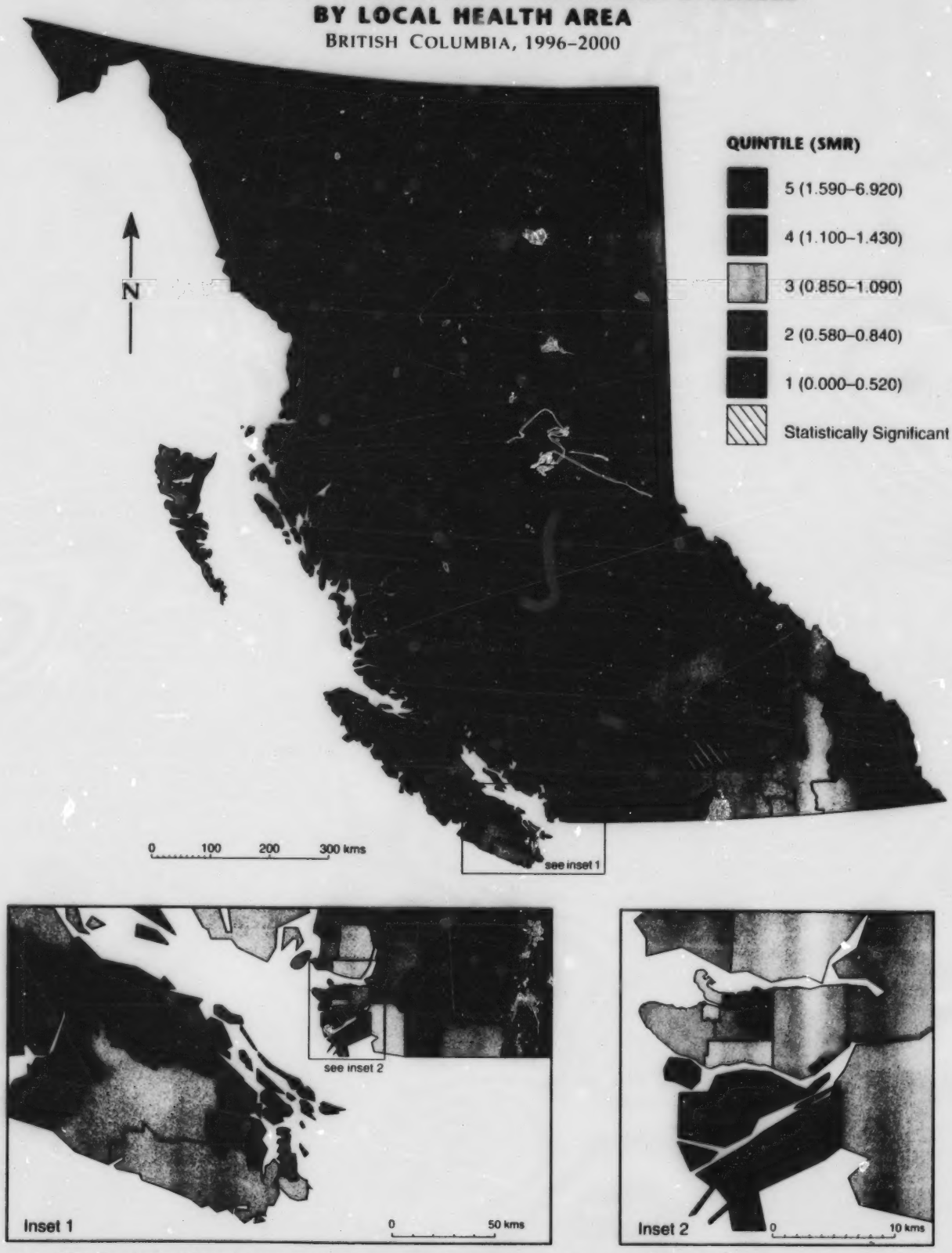
Local Health Area		1996–2000 Observed Deaths	1996–2000 SMR (p)	2001 Observed Deaths	2001 Expected Deaths	2001 SMR (p)	2001 95% Confidence Interval Lower	2001 95% Confidence Interval Upper
001	Fernie	–	–	1	0.56	1.79	0.02 –	9.96
002	Cranbrook	2	0.50	2	0.78	2.58	0.29 –	9.32
003	Kimberley	1	0.67	–	0.29	–	– –	–
004	Windermere	1	0.67	–	0.34	–	– –	–
005	Creston	2	0.99	–	0.38	–	– –	–
006/007	Kootenay Lake/Nelson	5	1.06	–	0.90	–	– –	–
009	Castlegar	2	0.92	1	0.43	2.32	0.03 –	12.91
010	Arrow Lakes	2	2.30	–	0.18	–	– –	–
011	Trail	3	0.91	1	0.60	1.68	0.02 –	9.32
012/013	Grand Forks/Kettle Valley	2	0.92	–	0.41	–	– –	–
014	Southern Okanagan	2	0.70	–	0.56	–	– –	–
015	Penticton	5	0.85	–	1.10	–	– –	–
016	Keremeos	–	–	1	0.15	6.75	0.09 –	37.57
017	Princeton	–	–	–	0.18	–	– –	–
018	Golden	1	0.84	–	0.24	–	– –	–
019	Revelstoke	–	–	–	0.26	–	– –	–
020	Salmon Arm	3	0.58	–	1.04	–	– –	–
021	Armstrong–Spallumcheen	–	–	–	0.30	–	– –	–
022	Vernon	6	0.66	–	1.76	–	– –	–
023	Central Okanagan	13	0.58 *	2	4.47	0.45	0.05 –	1.62
024	Kamloops	17	1.03	4	3.24	1.24	0.33 –	3.16
025	100 Mile House	3	1.10	1	0.53	1.90	0.02 –	10.55
026	North Thompson	1	1.19	–	0.16	–	– –	–
027	Cariboo–Chilcotin	6	1.33	2	0.87	2.30	0.26 –	8.31
028	Quesnel	7	1.69	–	0.81	–	– –	–
029	Lillooet	1	1.37	1	0.14	7.21	0.09 –	40.11
030	South Cariboo	2	1.59	–	0.25	–	– –	–
031	Merritt	5	2.79	1	0.35	2.87	0.04 –	15.98
032	Hope	1	0.75	1	0.25	3.99	0.05 –	22.19
033	Chilliwack	14	1.40	2	1.95	1.02	0.11 –	3.69
034	Abbotsford	12	0.76	6	3.14	1.91	0.70 –	4.16
035	Langley	23	1.38	6	3.29	1.83	0.67 –	3.97
036	Surrey	49	0.95	15	10.24	1.47	0.82 –	2.42
037	Delta	8	0.50 *	4	3.07	1.30	0.35 –	3.34
038	Richmond	14	0.52 *	3	5.35	0.56	0.11 –	1.64
040	New Westminster	16	1.92 *	4	1.71	2.33	0.63 –	5.97
041	Burnaby	23	0.77	10	6.02	1.66	0.80 –	3.06
042	Maple Ridge	13	1.14	1	2.28	0.44	0.01 –	2.44
043	Coquitlam	22	0.75	4	5.88	0.68	0.18 –	1.74
044	North Vancouver	22	1.03	1	4.17	0.24	0.00 –	1.33
045	West Vancouver–Bowen Is.	5	0.60	3	1.59	1.88	0.38 –	5.50
046	Sunshine Coast	4	0.93	1	0.83	1.20	0.02 –	6.69
047	Powell River	6	1.82	1	0.64	1.56	0.02 –	8.67
048	Howe Sound	2	0.46	2	0.91	2.20	0.25 –	7.95
049	Bella Coola Valley	1	1.96	2	0.10	19.71 +	2.21 –	71.17
050	Queen Charlotte	1	1.13	–	0.18	–	– –	–
051	Snow Country	–	–	–	0.03	–	– –	–
052	Prince Rupert	5	1.82	1	0.52	1.92	0.03 –	10.66
053	Upper Skeena	–	–	–	0.16	–	– –	–
054	Smithers	2	0.74	–	0.53	–	– –	–
055/083	Burns Lake/Eutsuk	2	1.75	–	0.23	–	– –	–
056	Nechako	3	1.15	1	0.52	1.94	0.03 –	10.79
057	Prince George	23	1.43	5	3.18	1.57	0.51 –	3.66
059	Peace River South	5	1.18	1	0.76	1.32	0.02 –	7.36
060	Peace River North	3	0.71	1	0.86	1.16	0.02 –	6.46
061	Greater Victoria	29	0.94	6	6.07	0.99	0.36 –	2.15
062	Sooke	8	0.95	1	1.68	0.59	0.01 –	3.31
063	Saanich	7	0.73	–	1.92	–	– –	–
064	Gulf Islands	1	0.40	–	0.49	–	– –	–
065	Cowichan	5	0.61	2	1.63	1.23	0.14 –	4.43
066	Lake Cowichan	1	0.96	–	0.20	–	– –	–
067	Ladysmith	4	1.61	–	0.45	–	– –	–
068	Nanaimo	17	1.20	–	2.80	–	– –	–
069	Qualicum	9	1.43	–	1.26	–	– –	–
070	Alberni	6	1.15	–	1.00	–	– –	–
071	Courtenay	9	0.95	1	1.82	0.55	0.01 –	3.05
072/084	Campbell River/V.I. West	6	1.12	1	1.39	0.72	0.01 –	4.02
075	Mission	13	2.37 *	1	1.08	0.92	0.01 –	5.13
076	Agassiz–Harrison	2	1.63	–	0.26	–	– –	–
077	Summerland	4	2.32	–	0.32	–	– –	–
078	Enderby	2	1.68	–	0.23	–	– –	–
080	Kitimat	1	0.49	1	0.37	2.67	0.03 –	14.84
081	Fort Nelson	–	–	–	0.18	–	– –	–
083	Central Coast	2	6.92	–	0.06	–	– –	–
085	Vancouver Island North	2	0.84	2	0.47	4.27	0.48 –	15.40
087/094	Stikine/Telegraph Creek	–	–	1	0.06	15.85	0.21 –	88.18
088	Terrace	4	1.17	–	0.67	–	– –	–
092	Nisga'a	1	3.36	–	0.06	–	– –	–
161	Vancouver City Centre	16	1.09	2	3.30	0.61	0.07 –	2.18
162	Vancouver Downtown E. Side	36	4.33 *	3	1.76	1.70	0.34 –	4.97
163	Vancouver North East	17	1.17	4	2.88	1.39	0.37 –	3.55
164	Vancouver West Side	11	0.58	1	3.61	0.28	0.00 –	1.54
165	Vancouver Midtown	11	0.82	–	2.71	–	– –	–
166	Vancouver South	18	0.96	4	3.68	1.09	0.29 –	2.78
039	VANCOUVER TOTAL	111	1.25 *	14	17.95	0.78	0.43 –	1.31
	N.S.	–		–				
	PROVINCIAL TOTAL	617	1.00	122		1.00		

Note: Medically Treatable Diseases – based on Charlton's definition (see Glossary). *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). +Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated.

FIGURE 22

DEATHS DUE TO MEDICALLY TREATABLE DISEASES BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1996–2000



Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 38/FIGURE 22

- The deaths identified as medically treatable (see Glossary) occurred across the province, although the numbers were relatively small in Local Health Areas (LHAs) outside the lower mainland. In 2001 there were no LHAs with a statistically significant and high Standardized Mortality Ratio (SMR) for medically treatable diseases based on five or more deaths from medically treatable diseases.
- There were no LHAs with statistically significant and low SMRs for medically treatable diseases in 2001.
- In 2001, 37 LHAs had no deaths due to medically treatable diseases. The small number of deaths from medically treatable diseases in any individual year limits the scope for analysis.
- Over the 1996–2000 period, there were three LHAs with SMRs that were statistically significant and high for deaths due to medically treatable diseases. The ratios for these LHAs (with number of medically treatable deaths in parentheses) were:

162	Vancouver Downtown E. Side	4.33	(36)
075	Mission	2.37	(13)
040	New Westminster	1.92	(16)

- There were three LHAs with statistically significant and low SMRs for deaths due to medically treatable diseases during the 1996–2000 period:

037	Delta	0.50	(8)
038	Richmond	0.52	(14)
023	Central Okanagan	0.58	(13)

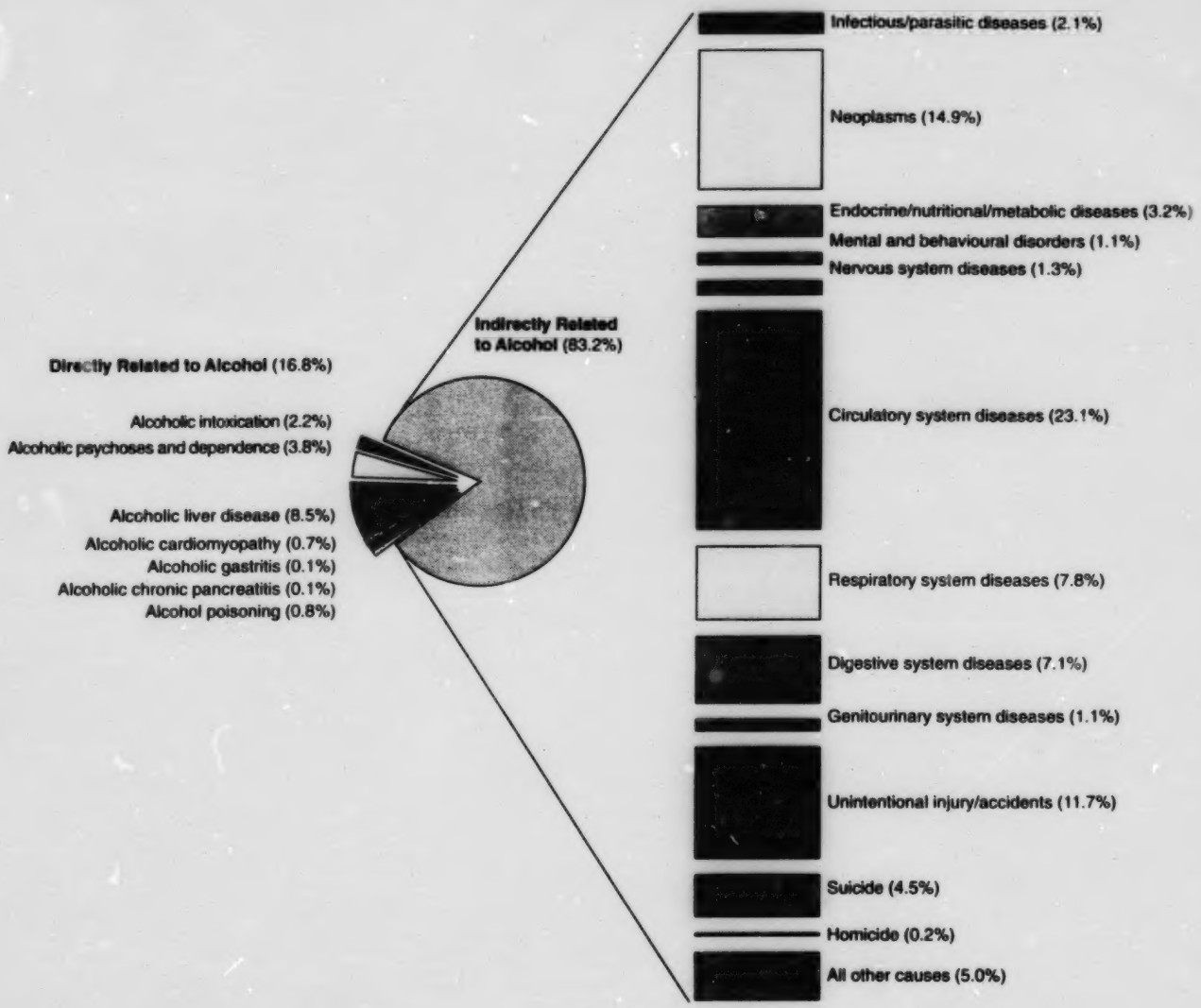
- Nine LHAs had no deaths from medically treatable diseases during the 1996–2000 period.

TABLE 39
ALCOHOL-RELATED DEATHS BY CAUSE
BRITISH COLUMBIA, 1996–2000 AND 2001

Cause of Death	ICD-10 Code(s)	Year of Death: 1996–2000 Number	1996–2000 Percent	2001 Number	2001 Percent
Directly Related to Alcohol					
Alcoholic intoxication	F10.0–F10.1	93	1.0	39	2.2
Alcoholic psychoses and dependence	F10.2–F10.9	578	6.4	67	3.8
Alcoholic liver disease	K70	731	8.1	151	8.5
Alcoholic neurological disorders	G31.2, G62.1, G72.1	1	0.0	0	0.0
Alcoholic cardiomyopathy	I42.6	122	1.4	24	1.3
Alcoholic gastritis	K29.2	16	0.2	1	0.1
Alcoholic chronic pancreatitis	K86.0	11	0.1	2	0.1
Alcohol poisoning	X45, X65	96	1.1	15	0.8
Other causes	E24.4, O35.4, O99.3, P04.3, Q86.0, R78.0, T51.0–T51.2, T51.9	–	–	–	–
Subtotal		1,648	18.3	299	16.8
Indirectly Related to Alcohol[1]					
Infectious/parasitic diseases	A00–B99	185	2.1	38	2.1
Neoplasms	C00–D48	1,184	13.1	265	14.9
Endocrine/nutritional/metabolic diseases	E00–E24.3, E24.8–E89	204	2.3	57	3.2
Mental and behavioural disorders	F00–F09, F11–F99	76	0.8	19	1.1
Nervous system diseases	G00–G31.1, G31.8–G62.0, G62.2–G72.0, G72.2–G99	114	1.3	24	1.3
Circulatory system diseases	I00–I42.5, I42.7–I99	2,043	22.7	411	23.1
Respiratory system diseases	J00–J99	709	7.9	139	7.8
Digestive system diseases	K00–K29.1, K29.3–K69, K71.0–K85, K86.1–K92	594	6.6	126	7.1
Genitourinary system diseases	N00–N39, N99.0–N99.1, N99.5	75	0.8	19	1.1
Unintentional injury/accidents	V01–X44, X46–X59, Y40–Y86, Y88	1,440	16.0	209	11.7
Suicide	X60–X64, X66–X84, Y87.0	520	5.8	80	4.5
Homicide	X85–Y09, Y87.1	49	0.5	4	0.2
All other causes		171	1.9	89	5.0
Subtotal		7,364	81.7	1,480	83.2
TOTAL		9,012	100.0	1,779	100.0

Note: Alcohol-related deaths – see Glossary for more details.
[1]ICD-10 codes for indirectly related to alcohol exclude the codes for directly related to alcohol and will not match the list of codes used for these categories in other tables.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.
Coding practices from 1995 to 1999 may have produced over-counting of alcohol-related mortality. With the introduction of ICD-10 in 2000, more specific codes are available. Currently produced data should not be used in combination with data produced prior to 2000.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 23
ALCOHOL-RELATED DEATHS BY CAUSE
BRITISH COLUMBIA, 2001



See Table 39 for ICD-10 codes for each category.

HIGHLIGHTS TO TABLE 39/FIGURE 23

Deaths that are 'directly' related to alcohol are identified by specific underlying causes of death that involve alcohol. Deaths 'indirectly' related to alcohol do not have an alcohol-related underlying cause of death, but alcohol was noted somewhere on the *Medical Certification of Death.*

- There were 1,779 deaths that were directly or indirectly related to alcohol in 2001 and 9,012 deaths in the five-year period, 1996–2000.
- In 2001, 299 deaths (16.8%) were directly related to alcohol, which is based on the underlying cause of death. In the 1996–2000 period, 1,648 deaths or 18.3% of alcohol-related deaths were directly related to alcohol.
- In 2001, alcoholic liver disease accounted for more than half (50.5%) of the direct deaths from alcohol, higher than the proportion shown for 1996–2000 (44.4%). Alcoholic psychoses and dependence was the next largest category of deaths directly related to alcohol.
- There were 1,480 deaths (83.2%) indirectly related to alcohol in 2001. Circulatory system diseases were the largest category of deaths indirectly related to alcohol, accounting for almost a quarter of the indirect deaths (27.8%) in 2001 and a slightly lower proportion (27.7%) in 1996–2000. Other large causes of death in the indirect group were neoplasms, unintentional injury/accidents, and respiratory system diseases.

TABLE 40
ALCOHOL-RELATED DEATHS BY AGE AND GENDER
BRITISH COLUMBIA, 2001

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
<15	1	0.1	–	–	1	0.1
15–19	4	0.3	2	0.5	6	0.3
20–24	22	1.6	8	1.9	30	1.7
25–44	174	12.9	67	15.8	241	13.5
45–64	486	35.9	138	32.5	624	35.1
65–84	606	44.8	178	41.9	784	44.1
85+	61	4.5	32	7.5	93	5.2
TOTAL	**1,354**	**100.0**	**425**	**100.0**	**1,779**	**100.0**

Note: Alcohol-related deaths – see Table 39 for ICD-10 codes and Glossary for more details.
Total percentage may not add up to 100 due to rounding. Non-residents are excluded.
Coding practices from 1995 to 1999 may have produced over-counting of alcohol-related mortality.
With the introduction of ICD-10 in 2000, more specific codes are available.
Currently produced data should not be used in combination with data produced prior to 2000.

HIGHLIGHTS TO TABLE 40

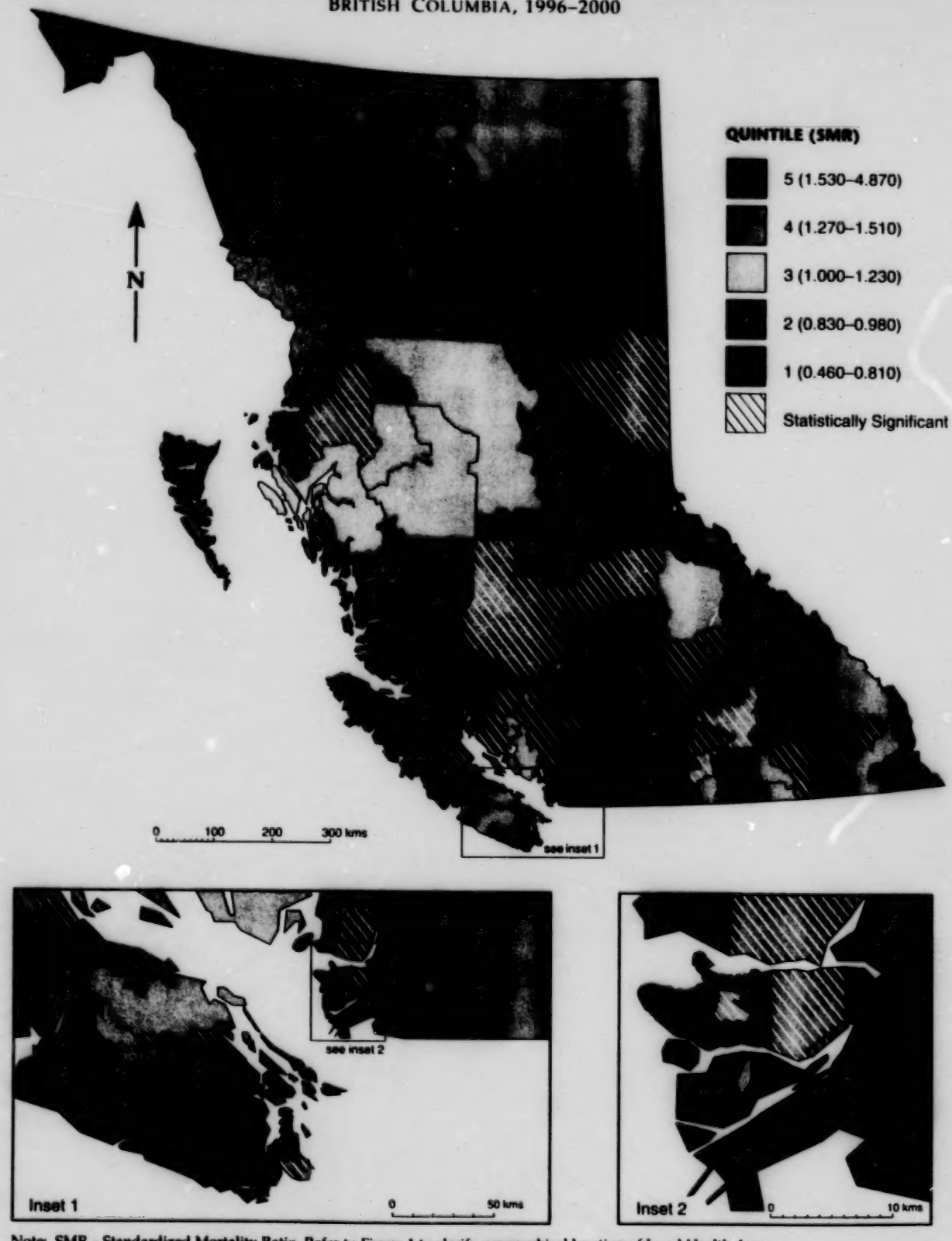
- There were 1,779 alcohol-related deaths in 2001.
- Out of every 100 alcohol-related deaths in 2001 approximately:
  - 76 were males (1,354)
  - 24 were females (425)
- About one half of all alcohol-related deaths were seniors (784 deaths aged 65–84 and 93 aged 85+) and a third (35.1%) were aged 45–64 (624 deaths).
- The proportions of alcohol-related deaths by age groups were similar for males and females.

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA, ALCOHOL-RELATED DEATHS

Local Health Area		1996–2000 Observed Deaths	1996–2000 SMR	(p)	2001 Observed Deaths	2001 Expected Deaths	2001 SMR	(p)	95% Confidence Interval Lower		Upper
001	Fernie	22	0.68		9	6.75	1.33		0.61	–	2.53
002	Cranbrook	65	1.16		13	11.24	1.16		0.62	–	1.98
003	Kimberley	37	1.50	*	7	4.72	1.48		0.59	–	3.06
004	Windermere	21	1.00		2	4.43	0.45		0.05	–	1.63
005	Creston	34	0.85		11	7.61	1.44		0.72	–	2.59
006/007	Kootenay Lake/Nelson	93	1.36	*	16	13.42	1.19		0.68	–	1.94
009	Castlegar	40	1.23		6	6.40	0.94		0.34	–	2.04
010	Arrow Lakes	19	1.34		4	2.78	1.44		0.39	–	3.69
011	Trail	63	1.15		13	10.37	1.25		0.67	–	2.14
012/013	Grand Forks/Kettle Valley	49	1.31		12	7.43	1.62		0.83	–	2.82
014	Southern Okanagan	69	1.03		25	13.25	1.89	*	1.22	–	2.79
015	Penticton	147	1.19	*	34	23.83	1.43		0.99	–	1.99
016	Keremeos	22	1.36		3	3.25	0.92		0.19	–	2.70
017	Princeton	20	1.34		7	2.99	2.34		0.94	–	4.83
018	Golden	12	0.81		5	2.93	1.71		0.55	–	3.99
019	Revelstoke	25	1.37		5	3.55	1.41		0.45	–	3.29
020	Salmon Arm	74	0.81		21	18.22	1.15		0.71	–	1.76
021	Armstrong–Spallumcheen	20	0.84		2	4.63	0.43		0.05	–	1.56
022	Vernon	186	1.21	*	31	30.20	1.03		0.70	–	1.46
023	Central Okanagan	346	0.89	*	78	78.15	1.00		0.79	–	1.25
024	Kamloops	294	1.27	*	47	46.35	1.01		0.75	–	1.35
025	100 Mile House	67	1.71	*	10	7.86	1.27		0.61	–	2.34
026	North Thompson	12	1.18		1	2.10	0.48		0.01	–	2.65
027	Cariboo–Chilcotin	81	1.51	*	23	10.69	2.15	*	1.36	–	3.23
028	Quesnel	47	0.87		19	10.60	1.79	*	1.08	–	2.80
029	Lillooet	28	2.87	*	3	1.85	1.62		0.33	–	4.73
030	South Cariboo	18	0.91		15	3.98	3.77	*	2.11	–	6.22
031	Merritt	62	2.48	*	10	4.90	2.04		0.98	–	3.76
032	Hope	44	1.94	*	10	4.38	2.29	*	1.09	–	4.20
033	Chilliwack	144	0.85		40	33.11	1.21		0.86	–	1.64
034	Abbotsford	130	0.52	*	37	49.16	0.75		0.53	–	1.04
035	Langley	174	0.72	*	33	50.14	0.66	*	0.45	–	0.92
036	Surrey	535	0.72	*	124	154.46	0.80	*	0.67	–	0.96
037	Delta	132	0.61	*	15	44.41	0.34	*	0.19	–	0.56
038	Richmond	153	0.46	*	35	65.44	0.53	*	0.37	–	0.74
040	New Westminster	169	1.34	*	25	23.93	1.04		0.68	–	1.54
041	Burnaby	366	0.86	*	63	82.40	0.76	*	0.59	–	0.98
042	Maple Ridge	130	0.87		26	30.11	0.86		0.56	–	1.27
043	Coquitlam	247	0.72	*	57	68.23	0.84		0.63	–	1.08
044	North Vancouver	237	0.83	*	43	55.81	0.77		0.56	–	1.04
045	West Vancouver–Bowen Is.	70	0.48	*	13	28.56	0.46	*	0.24	–	0.78
046	Sunshine Coast	90	1.22		18	14.61	1.23		0.73	–	1.95
047	Powell River	71	1.33	*	12	10.51	1.14		0.59	–	1.99
048	Howe Sound	71	1.47	*	5	9.84	0.51		0.16	–	1.19
049	Bella Coola Valley	13	2.17	*	3	1.19	2.51		0.51	–	7.35
050	Queen Charlotte	28	2.76	*	4	2.02	1.99		0.53	–	5.08
051	Snow Country	2	1.29		–	0.30	–		–	–	–
052	Prince Rupert	69	2.14	*	10	6.01	1.66		0.80	–	3.06
053	Upper Skeena	27	2.86	*	7	1.83	3.83	*	1.53	–	7.89
054	Smithers	38	1.23		6	6.08	1.32		0.57	–	2.59
055/093	Burns Lake/Eutsuk	19	1.21		5	3.08	1.62		0.52	–	3.79
056	Nechako	39	1.21		9	6.34	1.42		0.65	–	2.70
057	Prince George	172	0.95		41	35.86	1.14		0.82	–	1.55
059	Peace River South	70	1.32	*	14	9.70	1.44		0.79	–	2.42
060	Peace River North	39	0.80		13	9.51	1.37		0.73	–	2.34
061	Greater Victoria	622	1.15	*	123	102.06	1.21	*	1.00	–	1.44
062	Sooke	102	0.94		21	21.35	0.98		0.61	–	1.50
063	Saanich	140	0.75	*	16	36.91	0.43	*	0.25	–	0.70
064	Gulf Islands	46	0.98		14	9.29	1.51		0.82	–	2.53
065	Cowichan	121	0.93		29	25.96	1.12		0.75	–	1.60
066	Lake Cowichan	17	1.11		4	3.03	1.32		0.36	–	3.39
067	Ladysmith	65	1.44	*	13	8.49	1.53		0.81	–	2.62
068	Nanaimo	251	1.12		50	45.23	1.11		0.82	–	1.46
069	Qualicum	85	0.64	*	21	27.16	0.77		0.48	–	1.18
070	Alberni	118	1.58	*	32	14.77	2.17	*	1.48	–	3.08
071	Courtenay	118	0.83	*	26	28.55	0.91		0.59	–	1.33
072/084	Campbell River/V.I. West	143	1.58	*	27	17.97	1.50		0.99	–	2.19
075	Mission	69	0.93		10	14.58	0.69		0.33	–	1.26
076	Agassiz–Harrison	17	0.89		3	3.94	0.76		0.15	–	2.23
077	Summerland	22	0.58	*	6	7.26	0.83		0.30	–	1.80
078	Enderby	30	1.53	*	6	3.83	1.57		0.57	–	3.41
080	Kitimat	24	1.03		5	4.52	1.11		0.36	–	2.58
081	Fort Nelson	7	0.85		1	1.81	0.62		0.01	–	3.46
083	Central Coast	16	4.87	*	1	0.63	1.58		0.02	–	8.82
085	Vancouver Island North	60	2.30	*	6	5.06	1.18		0.43	–	2.58
087/094	Stikine/Telegraph Creek	16	4.40	*	4	0.72	5.52	+	1.48	–	14.13
088	Terrace	61	1.50	*	9	8.02	1.12		0.51	–	2.13
092	Nisga'a	9	2.71	*	1	0.72	1.39		0.02	–	7.74
181	Vancouver City Centre	323	1.64	*	44	38.54	1.14		0.83	–	1.53
182	Vancouver Downtown E. Side	571	4.43	*	81	24.10	3.36	*	2.67	–	4.18
183	Vancouver North East	161	0.80	*	25	33.94	0.74		0.49	–	1.06
184	Vancouver West Side	130	0.49	*	28	50.18	0.82	*	0.54	–	0.76
185	Vancouver Midtown	208	1.21	*	20	32.67	0.80		0.52	–	1.17
186	Vancouver South	182	0.88	*	38	51.03	0.74		0.53	–	1.02
039	VANCOUVER TOTAL	1,693	1.29	*	248	236	1.05		0.92	–	1.19
	N.S.	9			1						
	PROVINCIAL TOTAL	9,012	1.00		1,779		1.00				

Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed). LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded. N.S. – Not stated. Coding practices from 1995 to 1999 may have produced over-counting of alcohol-related mortality. With the introduction of ICD-10 in 2000, more specific codes are available. Currently produced data should not be used in combination with data produced prior to 2000.

FIGURE 24
ALCOHOL-RELATED DEATHS BY LOCAL HEALTH AREA
BRITISH COLUMBIA, 1996–2000



Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 41/FIGURE 24

- There were nine LHAs with statistically significant and high Standardized Mortality Ratios (SMRs) for alcohol-related deaths (based on five or more deaths) in 2001. The ratios for the five highest (number of deaths in parentheses) were:

053	Upper Skeena	3.83	(7)
030	South Cariboo	3.77	(15)
162	Vancouver Downtown E. Side	3.36	(81)
032	Hope	2.29	(10)
070	Alberni	2.17	(32)

- All of the above LHAs with the exception of South Cariboo, also had statistically significant and high SMRs for alcohol-related deaths in 1996–2000.
- In 2001, Snow Country was the only LHA that had no alcohol-related deaths.
- There were eight LHAs with statistically significant and low SMRs for alcohol-related deaths (based on five or more deaths) in 2000. The five LHAs with low SMRs (number of deaths in parentheses) were:

037	Delta	0.34	(15)
063	Saanich	0.43	(16)
045	West Vancouver–Bowen Is.	0.46	(13)
164	Vancouver West Side	0.52	(26)
038	Richmond	0.53	(35)

- In the 1996–2000 period, there were 31 LHAs with statistically significant and high SMRs for alcohol-related deaths. The five LHAs with the highest statistically significant SMRs (number of deaths in parentheses) were:

083	Central Coast	4.87	(16)
162	Vancouver Downtown E. Side	4.43	(571)
087/094	Stikine/Telegraph Creek	4.40	(16)
029	Lillooet	2.87	(28)
053	Upper Skeena	2.86	(27)

- In the 1996–2000 period, there were 17 LHAs with statistically significant and low SMRs for alcohol-related deaths. The five LHAs with the lowest statistically significant SMRs (number of deaths in parentheses) were:

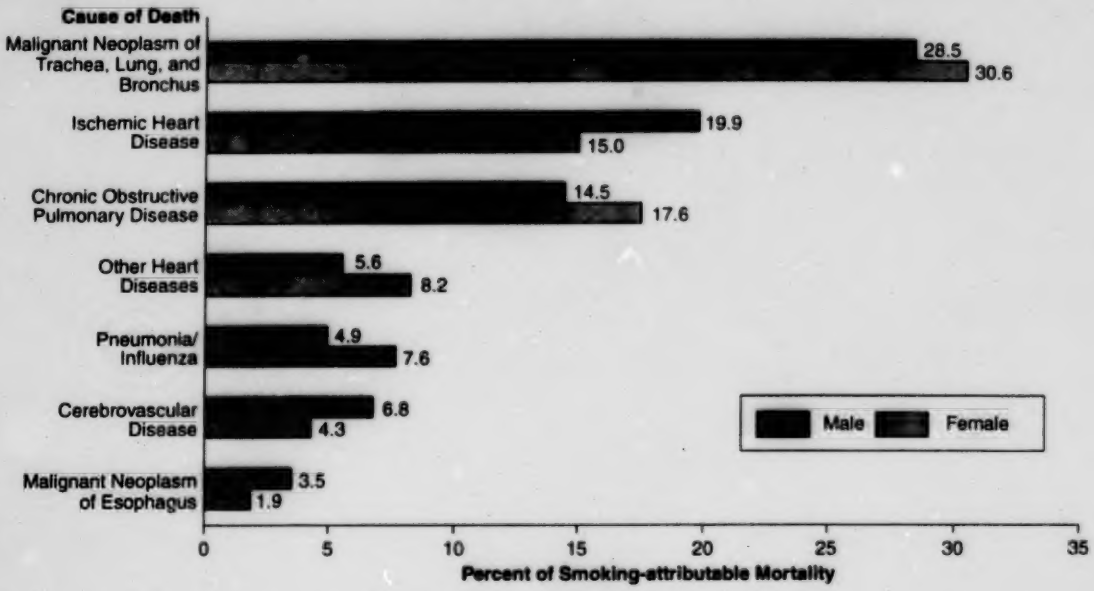
038	Richmond	0.46	(153)
045	West Vancouver–Bowen Is.	0.48	(70)
164	Vancouver West Side	0.49	(130)
034	Abbotsford	0.52	(130)
077	Summerland	0.58	(22)

TABLE 42
SMOKING-ATTRIBUTABLE MORTALITY
BRITISH COLUMBIA, 2001

Cause of Death	ICD-10 Code(s)	Male				Female				Total		
				SAM				SAM			SAM	
		Deaths	SAM (%)	Number	Percent	Deaths	SAM (%)	Number	Percent	Deaths	Number	Percent
Malignant Neoplasms												
Malignant neoplasm of lip, oral cavity, and pharynx	C00–C14	89	91.2	81	2.3	37	59.9	22	1.0	126	103	1.8
Malignant neoplasm of esophagus	C15	154	78.2	120	3.5	58	71.0	41	1.9	212	161	2.8
Malignant neoplasm of pancreas	C25	216	21.7	47	1.4	246	33.9	83	3.8	462	130	2.3
Malignant neoplasm of larynx	C32	49	79.7	39	1.1	8	87.2	7	0.3	57	46	0.8
Malignant neoplasm of trachea, lung, and bronchus	C33–C34	1,106	89.3	988	28.5	882	76.5	675	30.6	1,988	1,663	29.3
Malignant neoplasm of cervix, uterus	C53–C55	–	–	–	–	117	33.9	40	1.8	117	40	0.7
Malignant neoplasm of urinary bladder	C67	127	44.8	57	1.6	59	37.6	22	1.0	186	79	1.4
Malignant neoplasm of kidney and other unspecified urinary organs	C64–C66, C68	105	46.8	49	1.4	61	12.4	8	0.4	166	57	1.0
SUBTOTAL		1,846		1,381	39.9	1,468		898	40.7	3,314	2,279	40.2
Circulatory System Diseases												
Hypertension	I10–I13	86	24.6	21	0.6	121	16.4	20	0.9	207	41	0.7
Ischemic heart disease:	I20–I25											
35–64 Years		454	43.2	196	5.7	97	36.5	35	1.6	551	231	4.1
65+ Years		2,337	21.1	493	14.2	2,023	14.6	295	13.4	4,360	788	13.9
Other heart diseases	I01–I09, I27, I30–I52	732	26.5	194	5.6	929	19.4	180	8.2	1,661	374	6.6
Cerebrovascular disease:	I60–I69											
35–64 Years		86	44.8	39	1.1	66	49.3	33	1.5	152	72	1.3
65+ Years		836	23.4	196	5.7	1,280	4.8	61	2.8	2,116	257	4.5
Atherosclerosis	I70	69	55.5	38	1.1	71	31.7	23	1.0	140	61	1.1
Aortic aneurysm	I71	149	55.5	83	2.4	95	31.7	30	1.4	244	113	2.0
Other arterial diseases	I26, I28, I72–I78	121	55.5	67	1.9	102	31.7	32	1.5	223	99	1.7
SUBTOTAL		4,870		1,327	38.3	4,784		709	32.2	9,654	2,036	35.9
Respiratory System Diseases												
Pneumonia/influenza	J10–J18.1, J18.8–J18.9	520	32.7	170	4.9	636	26.3	167	7.6	1,156	337	5.9
Bronchitis, emphysema	J40–J43	88	84.7	75	2.2	38	79.2	30	1.4	126	105	1.9
Chronic obstructive pulmonary disease	J44	594	84.7	503	14.5	490	79.2	388	17.6	1,084	891	15.7
Other respiratory diseases	A15–A19, J45–J46	29	32.7	9	0.3	45	26.3	12	0.5	74	21	0.4
SUBTOTAL		1,231		757	21.8	1,209		597	27.1	2,440	1,354	23.9
TOTAL		7,947		3,465	100.0	7,461		2,205	100.0	15,408	5,670	100.0

Note: Deaths are the total number of deaths aged 35+ years or as specified in the diagnostic category.
SAM – Smoking-Attributable Mortality, derived by multiplying the SAM(%) by the number of deaths in each category.
See glossary under Smoking-Attributable Mortality Percent for a definition of the formula for SAM(%).
Total SAM Number may not add up to the sum of Male SAM Number and Female SAM Number due to rounding.
Non-residents are excluded.
The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above.

FIGURE 25
SMOKING-ATTRIBUTABLE MORTALITY BY SELECTED CAUSES AND GENDER
BRITISH COLUMBIA, 2001



Note: Ischemic heart disease includes 35–64 years and 65+ years.
Cerebrovascular disease includes 35–64 years and 65+ years.

HIGHLIGHTS TO TABLE 42/FIGURE 25

- In 2001, there were 5,670 deaths that were attributed to smoking. Smoking-attributable mortality (SAM) is based on estimates of the relative exposure risk of the adult population (age 35 or older). A detailed definition of this term is provided in the Glossary. Table 42 presents, for each specific cause of death, the total number of deaths by gender, the proportion of these deaths which are attributed to smoking (labeled SAM%), and the number of SAM deaths.
- Smoking-attributable mortality can be grouped into deaths from cancers (malignant neoplasms), circulatory system diseases and respiratory system diseases. Out of 100 smoking-attributable deaths in 2001, approximately:
  - 40 were from cancers (malignant neoplasms) (2,279)
  - 36 were from circulatory system diseases (2,036)
  - 24 were from respiratory system diseases (1,354).
- By specific causes of death, lung cancer (malignant neoplasms of trachea, lung, and bronchus) was the major contributor (1,663 deaths) to smoking-attributable mortality in 2001, followed by ischemic heart disease (1,019) and chronic obstructive pulmonary disease (891). Together these three causes of death accounted for 3,573 deaths or 63.0% of smoking-attributable mortality in the province in 2001.
- In 2001, three in five smoking-attributable deaths were males.

TABLE 43
DRUG-INDUCED DEATHS BY AGE AND GENDER
BRITISH COLUMBIA, 2001

Age	Male		Female		Total	
	Number	Percent	Number	Percent	Number	Percent
<15	1	0.5	–	–	1	0.3
15–19	–	–	3	3.0	3	1.0
20–24	10	4.7	5	5.0	15	4.8
25–44	119	56.4	51	50.5	170	54.5
45–64	71	33.6	32	31.7	103	33.0
65–84	7	3.3	10	9.9	17	5.4
85+	3	1.4	–	–	3	1.0
TOTAL	**211**	**100.0**	**101**	**100.0**	**312**	**100.0**

Note: Excludes tobacco and alcohol.
Drug-induced deaths – see Table 44 for ICD-10 codes and Glossary for more details.
Total percentage may not add up to 100 due to rounding.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 43

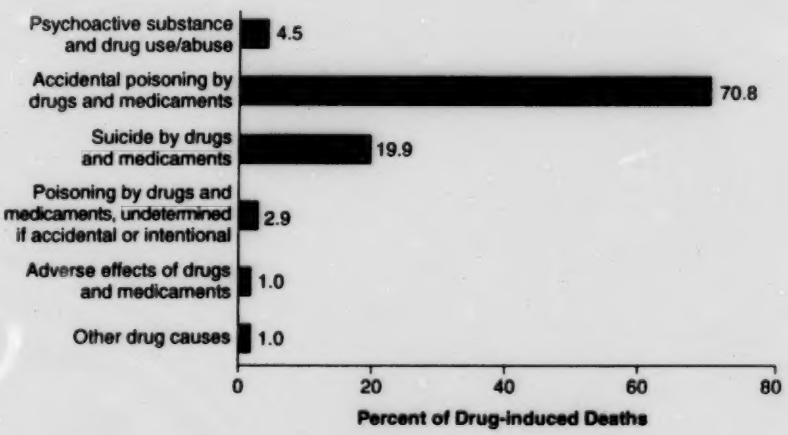
- There were 312 deaths in the province from drug-induced causes in 2001. This grouping of underlying causes of death includes accidental drug poisonings, suicides involving drugs and adverse effects of drugs.
- Two thirds (67.6%) of drug-induced deaths in 2001 were males (211), compared to 101 female deaths.
- Drug-induced deaths occurred in every age group. More than half (54.5%) of the drug-induced deaths in the province occurred in the 25–44 age group (170 deaths) and a third (33.0%) were aged 45–64 (103 deaths).
- For males, 90.0% of drug-induced deaths were in the 25–44 and 45–64 age groups combined (190 deaths). Female drug-induced deaths were similarly concentrated in these age groups, and accounted for 82.2% of female deaths (83) in this category.

TABLE 44
DRUG-INDUCED DEATHS BY CAUSE
BRITISH COLUMBIA, 1996–2000 AND 2001

Cause of Death	ICD-10 Code(s)	Year of Death: 1996–2000 Number	1996–2000 Percent	2001 Number	2001 Percent
Psychoactive substance and drug use/abuse	F11–F16, F19	54	2.1	14	4.5
Accidental poisoning by drugs and medicaments	X40–X44	1,841	72.2	221	70.8
Suicide by drugs and medicaments	X60–X64	472	18.5	62	19.9
Assault by drugs and medicaments	X85	1	0.0	–	–
Poisoning by drugs and medicaments, undetermined if accident or intentional	Y10–Y14	61	2.4	9	2.9
Adverse effects of drugs and medicaments	Y40–Y57.4, Y57.7–Y57.9, Y59.8, Y88.0	117	4.6	3	1.0
Other drug causes*		5	0.2	3	1.0
TOTAL		**2,551**	**100.0**	**312**	**100.0**

Note: Excludes tobacco and alcohol.
*Other drug causes include neonatal withdrawal from maternal use of drugs of addiction, and drug-induced anemias and other chronic conditions – see Glossary for more details.
Total percentage may not add to 100 due to rounding. Non-residents are excluded.

FIGURE 26
DRUG-INDUCED DEATHS BY CAUSE
BRITISH COLUMBIA, 2001



HIGHLIGHTS TO TABLE 44/FIGURE 26

- There were 312 deaths in the province from drug-induced causes in 2001 and 2,551 drug-induced deaths in 1996–2000.
- Almost three quarters of drug-induced deaths in 2001 and 1996–2000 (70.8% and 72.2% respectively) were the result of accidental poisonings by drugs, and medicaments (221 deaths in 2001 and 1,841 deaths in 1996–2000).
- Approximately one fifth of the drug-induced deaths (19.9%) in 2001 were the result of suicide by drugs and medicaments (62 deaths). The proportion of suicides among drug-induced deaths (18.5%) was slightly lower in 1996–2000 (472 deaths).
- Of the 315 suicide deaths in B.C. in 2001 (presented in Table 30), 62 suicides, or approximately one fifth of suicide deaths (19.7%), were drug-induced.

VITAL STATISTICS INFORMATION BOX

BIRTHS BY MOTHER'S COUNTRY OF BIRTH AND DEATHS BY DECEDENT'S COUNTRY OF BIRTH

BRITISH COLUMBIA, 2001

Area	Province/Country	Births	Deaths
Canada	**Total**	**28,936**	**18,741**
	British Columbia	18,268	6,990
	Alberta	2,405	2,632
	Ontario	2,684	1,943
	Saskatchewan	979	3,603
	Manitoba	954	2,164
	Quebec	743	623
	Nova Scotia	302	357
	New Brunswick	198	210
	Newfoundland	237	98
	Yukon	82	31
	Prince Edward Island	36	61
	Northwest Territories	42	17
	Unknown Province	6	12
North and Central America	**Total (excluding Canada)**	**1,217**	**852**
	United States	770	783
	Other North and Central American Countries	447	69
South America	**Total**	**224**	**45**
Europe	**Total**	**2,136**	**6,269**
	England	584	1,953
	Scotland	122	711
	Other United Kingdom	130	217
	Germany	197	589
	Former USSR	92	301
	Scandanavian Countries	53	337
	Poland	130	311
	Former Yugoslavia	161	145
	Italy	39	319
	Other European Countries	627	1,386
Asia and the Middle East	**Total**	**8,606**	**1,890**
	India	2,716	425
	China	1,501	786
	Philippines	1,189	152
	Hong Kong	583	129
	Vietnam	627	80
	Taiwan	349	36
	Korea	324	49
	Japan	330	56
	Other Asian and Middle Eastern Countries	987	177
Africa	**Total**	**542**	**129**
Oceania	**Total**	**491**	**131**
	Fiji	294	69
	Australia	127	31
	Other Oceanic Countries	70	31
Unknown		**506**	**187**
Total		**40,667**	**28,184**

Note: Births include live births plus stillbirths. Non-residents are excluded.

STANDARDIZED MORTALITY RATIO BY LOCAL HEALTH AREA
DRUG-INDUCED DEATHS

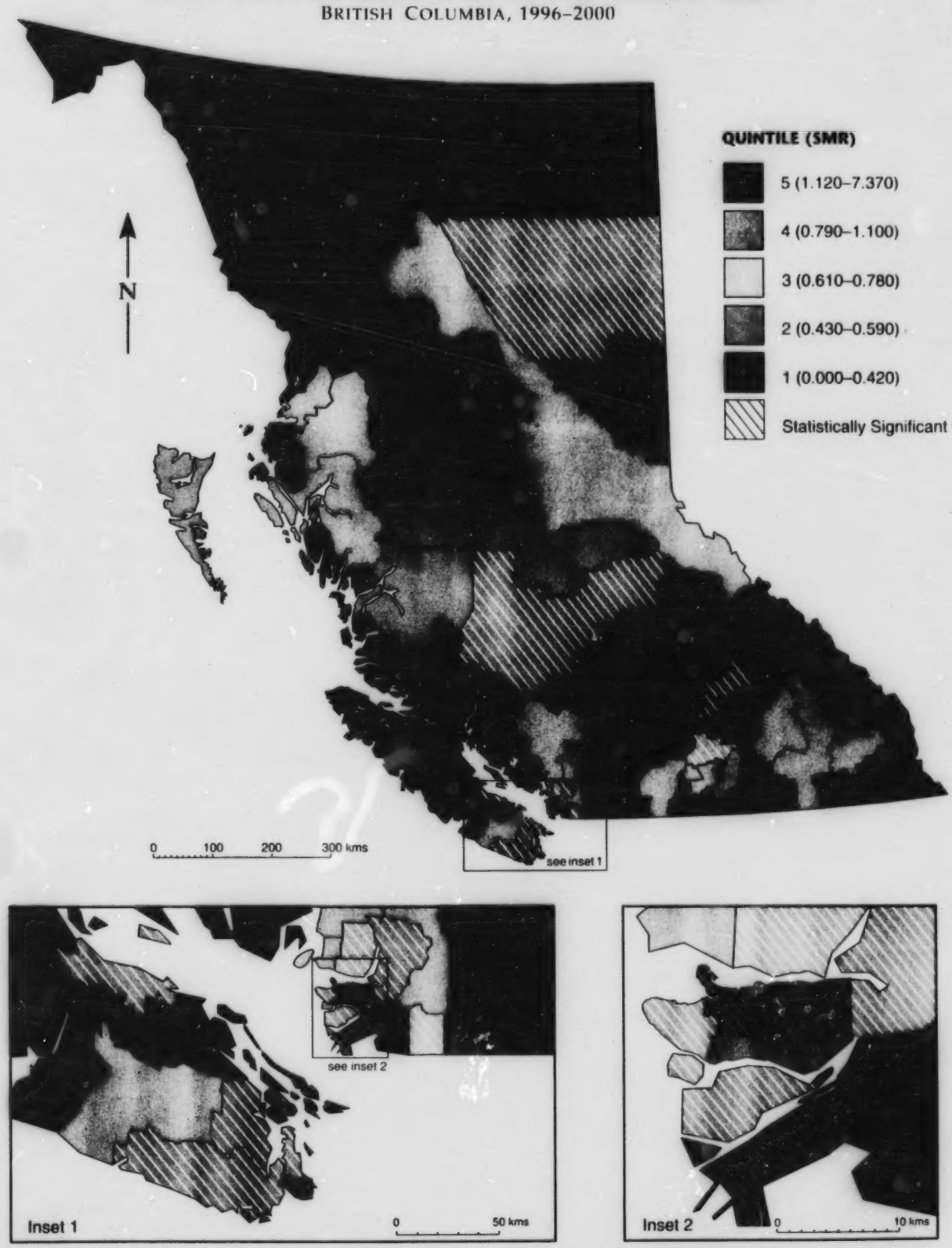
Local Health Area		1996–2000 Observed Deaths	1996–2000 SMR (p)	2001 Observed Deaths	2001 Expected Deaths	2001 SMR (p)	95% Confidence Interval Lower	95% Confidence Interval Upper
001	Fernie	–	–	2	1.41	1.42	0.16	5.13
002	Cranbrook	9	0.57	–	1.90	–	–	–
003	Kimberley	4	0.69	–	0.70	–	–	–
004	Windermere	1	0.17 +	1	0.80	1.25	0.02	6.94
005	Creston	8	1.09	–	0.86	–	–	–
006/007	Kootenay Lake/Nelson	13	0.71	5	2.23	2.24	0.72	5.23
009	Castlegar	8	0.94	1	1.03	0.98	0.01	5.43
010	Arrow Lakes	2	0.61	–	0.39	–	–	–
011	Trail	11	0.84	1	1.49	0.67	0.01	3.73
012/013	Grand Forks/Kettle Valley	7	0.88	–	0.95	–	–	–
014	Southern Okanagan	10	0.95	1	1.24	0.81	0.01	4.48
015	Penticton	16	0.67	3	2.79	1.07	0.22	3.14
016	Keremeos	1	0.36	1	0.33	3.03	0.04	16.88
017	Princeton	2	0.61	–	0.40	–	–	–
018	Golden	–	–	–	0.64	–	–	–
019	Revelstoke	–	–	1	0.66	1.51	0.02	8.40
020	Salmon Arm	9	0.47 *	–	2.40	–	–	–
021	Armstrong–Spallumcheen	1	0.17 +	–	0.72	–	–	–
022	Vernon	28	0.79	9	4.29	2.10	0.96	3.98
023	Central Okanagan	62	0.68 *	19	11.24	1.69 *	1.02	2.64
024	Kamloops	80	1.23	11	8.03	1.37	0.68	2.45
025	100 Mile House	14	1.42	–	1.19	–	–	–
026	North Thompson	1	0.30	–	0.41	–	–	–
027	Cariboo–Chilcotin	9	0.49 *	2	2.21	0.90	0.10	3.27
028	Quesnel	9	0.54	2	2.03	0.98	0.11	3.55
029	Lillooet	–	–	1	0.36	2.78	0.04	15.47
030	South Cariboo	2	0.42	–	0.58	–	–	–
031	Merritt	13	1.80	1	0.88	1.14	0.01	6.34
032	Hope	9	1.80	1	0.59	1.70	0.02	9.47
033	Chilliwack	38	0.91	4	5.04	0.79	0.21	2.03
034	Abbotsford	70	1.03	12	8.29	1.45	0.75	2.53
035	Langley	42	0.61 *	3	8.35	0.36	0.07	1.05
036	Surrey	242	1.12	19	26.35	0.72	0.43	1.13
037	Delta	22	0.35 *	6	7.43	0.81	0.29	1.76
038	Richmond	45	0.43 *	4	13.16	0.30 +	0.08	0.78
040	New Westminster	77	2.03 *	12	4.60	2.61 *	1.35	4.56
041	Burnaby	111	0.87	11	15.64	0.70	0.35	1.26
042	Maple Ridge	35	0.73	7	5.97	1.17	0.47	2.42
043	Coquitlam	66	0.54 *	12	14.97	0.80	0.41	1.40
044	North Vancouver	55	0.64 *	2	10.21	0.20 +	0.02	0.71
045	West Vancouver–Bowen Is.	20	0.68	–	3.46	–	–	–
046	Sunshine Coast	18	1.10	1	1.99	0.50	0.01	2.80
047	Powell River	12	0.94	2	1.51	1.33	0.15	4.79
048	Howe Sound	16	0.77	2	2.71	0.74	0.08	2.66
049	Bella Coola Valley	1	0.47	–	0.26	–	–	–
050	Queen Charlotte	2	0.51	1	0.48	2.07	0.03	11.49
051	Snow Country	–	–	–	0.06	–	–	–
052	Prince Rupert	14	1.16	1	1.42	0.71	0.01	3.93
053	Upper Skeena	2	0.55	–	0.46	–	–	–
054	Smithers	2	0.17 +	1	1.43	0.70	0.01	3.90
055/093	Burns Lake/Eutsuk	2	0.43	–	0.57	–	–	–
056	Nechako	3	0.27 +	–	1.36	–	–	–
057	Prince George	53	0.78	2	8.28	0.24 +	0.03	0.87
059	Peace River South	7	0.39 *	2	2.03	0.99	0.11	3.56
060	Peace River North	10	0.54 *	–	2.38	–	–	–
061	Greater Victoria	202	1.51 *	30	16.01	1.87 *	1.26	2.67
062	Sooke	20	0.58 *	5	4.21	1.19	0.38	2.77
063	Saanich	20	0.55 *	5	4.30	1.16	0.37	2.71
064	Gulf Islands	2	0.23 +	–	1.05	–	–	–
065	Cowichan	19	0.59 *	4	3.97	1.01	0.27	2.58
066	Lake Cowichan	3	0.74	2	0.50	4.02	0.45	14.51
067	Ladysmith	8	0.83	1	1.08	0.93	0.01	5.16
068	Nanaimo	62	1.08	8	7.04	1.14	0.49	2.24
069	Qualicum	11	0.47 *	2	2.87	0.70	0.08	2.52
070	Alberni	25	1.22	3	2.47	1.22	0.24	3.55
071	Courtenay	40	1.10	3	4.39	0.68	0.14	2.00
072/084	Campbell River/V.I. West	30	1.03	5	3.48	1.43	0.46	3.35
075	Mission	33	1.43	1	2.79	0.36	0.00	2.00
076	Agassiz–Harrison	7	1.31	1	0.69	1.44	0.02	8.03
077	Summerland	4	0.61	–	0.77	–	–	–
078	Enderby	4	0.88	1	0.56	1.78	0.02	9.88
080	Kitimat	6	0.74	1	0.95	1.05	0.01	5.83
081	Fort Nelson	1	0.24	–	0.52	–	–	–
083	Central Coast	1	0.80	–	0.16	–	–	–
085	Vancouver Island North	11	1.10	1	1.19	0.84	0.01	4.67
087/094	Stikine/Telegraph Creek	–	–	–	0.15	–	–	–
088	Terrace	11	0.75	–	1.79	–	–	–
092	Nisga'a	1	0.76	–	0.18	–	–	–
161	Vancouver City Centre	149	1.97 *	9	10.36	0.87	0.40	1.65
162	Vancouver Downtown E. Side	300	7.37 *	31	5.05	6.14 *	4.17	8.71
163	Vancouver North East	75	1.22	7	7.61	0.92	0.37	1.89
164	Vancouver West Side	43	0.53 *	2	9.97	0.20 +	0.02	0.72
165	Vancouver Midtown	85	1.42 *	11	7.36	1.49	0.75	2.67
166	Vancouver South	62	0.81	8	9.37	0.85	0.37	1.68
039	VANCOUVER TOTAL	730	1.84 *	72	49.72	1.45 *	1.13	1.82
	N.S	6		1				
	PROVINCIAL TOTAL	2,881	1.00	312		1.00		

Note: *Statistical testing indicates that observed deaths are significantly different from the expected deaths ($p<0.05$, two tailed).
+Denotes significance based on less than five deaths. LHA 039 Vancouver Total may include unspecified Vancouver addresses.
Non-residents are excluded. N.S. – Not stated.

FIGURE 27

DRUG-INDUCED DEATHS BY LOCAL HEALTH AREA

BRITISH COLUMBIA, 1996–2000



Note: SMR – Standardized Mortality Ratio. Refer to Figure 1 to clarify geographical location of Local Health Areas.

HIGHLIGHTS TO TABLE 45/FIGURE 27

- In 2001, there were four Local Health Areas (LHAs) with statistically significant and high Standardized Mortality Ratios (SMR) for drug-induced deaths. These four LHAs and their SMRs for drug-induced deaths in 2001 (number of drug-induced deaths in parentheses) were:

162	Vancouver Downtown E. Side	6.14	(31)
040	New Westminster	2.61	(12)
061	Greater Victoria	1.87	(30)
023	Central Okanagan	1.69	(19)

- All of the above noted LHAs had statistically significant and high SMRs in the five-year period from 1996 to 2000 except Central Okanagan.
- In 2001, 26 LHAs had no drug-induced deaths and there were no LHAs with statistically significant and low SMRs (based on five or more deaths).
- There were five LHAs with statistically significant and high SMRs in the 1996–2000 period. The SMRs for these LHAs (number of drug-induced deaths in parentheses) were:

162	Vancouver Downtown E. Side	7.37	(300)
040	New Westminster	2.03	(77)
161	Vancouver City Centre	1.97	(149)
061	Greater Victoria	1.51	(202)
165	Vancouver Midtown	1.42	(85)

- In the 1996–2000 period, 15 LHAs had statistically significant and low SMRs (based on five or more drug-related deaths). The five LHAs with the lowest SMRs (number of drug-induced deaths in parentheses) were:

037	Delta	0.35	(22)
059	Peace River South	0.39	(7)
038	Richmond	0.43	(45)
020	Salmon Arm	0.47	(9)
069	Qualicum	0.47	(11)

- Six LHAs had no drug-induced deaths in the 1996–2000 period. These were Fernie, Golden, Revelstoke, Lillooet, Snow Country and Stikine/Telegraph Creek. Out of these LHAs only Golden, Snow Country and Stikine/Telegraph Creek had no drug-induced deaths in 2001.

VITAL STATISTICS INFORMATION BOX

METHOD OF DISPOSITION BY DECEDENT'S LOCAL HEALTH AREA OF RESIDENCE

BRITISH COLUMBIA, 2001

Local Health Area		Burial		Cremation		Other	Total
		Number	Percent	Number	Percent		
001	Fernie	18	23.7	58	76.3	–	76
002	Cranbrook	25	14.0	152	85.4	1	178
003	Kimberley	10	13.3	65	86.7	–	75
004	Windermere	11	31.4	24	68.6	–	35
005	Creston	46	34.8	86	65.2	–	132
006/007	Kootenay Lake/Nelson	52	24.3	161	75.2	1	214
009	Castlegar	51	45.9	59	53.2	1	111
010	Arrow Lakes	9	22.5	31	77.5	–	40
011	Trail	38	18.4	167	81.1	1	206
012/013	Grand Forks/Kettle Valley	43	31.9	91	67.4	1	135
014	Southern Okanagan	59	26.1	164	72.6	3	226
015	Penticton	71	15.7	382	84.3	–	453
016	Keremeos	14	24.6	42	73.7	1	57
017	Princeton	7	16.3	36	83.7	–	43
018	Golden	15	35.7	27	64.3	–	42
019	Revelstoke	13	27.1	35	72.9	–	48
020	Salmon Arm	63	22.3	220	77.7	–	283
021	Armstrong–Spallumcheen	17	23.9	54	76.1	–	71
022	Vernon	137	26.4	381	73.4	1	519
023	Central Okanagan	265	21.7	950	77.9	5	1,220
024	Kamloops	144	21.2	523	77.1	11	678
025	100 Mile House	21	22.1	74	77.9	–	95
026	North Thompson	7	25.9	20	74.1	–	27
027	Cariboo–Chilcotin	54	35.1	100	64.9	–	154
028	Quesnel	41	26.5	114	73.5	–	155
029	Lillooet	12	38.7	19	61.3	–	31
030	South Cariboo	15	22.4	52	77.6	–	67
031	Merritt	30	28.0	77	72.0	–	107
032	Hope	23	33.3	46	66.7	–	69
033	Chilliwack	172	28.8	423	70.9	2	597
034	Abbotsford	295	34.9	548	64.9	2	845
035	Langley	138	19.1	580	80.4	3	721
036	Surrey	481	21.6	1,739	78.1	6	2,226
037	Delta	91	16.7	452	82.8	3	546
038	Richmond	238	29.1	572	70.0	7	817
040	New Westminster	104	20.4	404	79.2	2	510
041	Burnaby	431	30.6	945	67.2	31	1,407
042	Maple Ridge	86	17.8	397	82.0	1	484
043	Coquitlam	184	21.1	677	77.5	12	873
044	North Vancouver	136	17.2	646	81.9	7	789
045	West Vancouver–Bowen Is.	72	15.7	386	84.1	1	459
046	Sunshine Coast	32	13.7	201	86.3	–	233
047	Powell River	37	20.2	144	78.7	2	183
048	Howe Sound	14	14.0	86	86.0	–	100
049	Bella Coola Valley	14	77.8	4	22.2	–	18
050	Queen Charlotte	14	50.0	14	50.0	–	28
051	Snow Country	1	33.3	2	66.7	–	3
052	Prince Rupert	37	41.6	51	57.3	1	89
053	Upper Skeena	20	74.1	7	25.9	–	27
054	Smithers	25	30.9	56	69.1	–	81
055/093	Burns Lake/Eutsuk	15	39.5	23	60.5	–	38
056	Nechako	40	48.2	41	49.4	2	83
057	Prince George	156	31.1	342	68.1	4	502
058	Peace River South	60	39.5	92	60.5	–	152
060	Peace River North	47	46.5	54	53.5	–	101
061	Greater Victoria	358	16.1	1,860	83.5	9	2,227
062	Sooke	46	14.5	269	84.9	2	317
063	Saanich	71	12.2	507	87.3	3	581
064	Gulf Islands	7	5.6	119	94.4	–	126
065	Cowichan	77	18.1	348	81.9	–	425
066	Lake Cowichan	4	10.8	33	89.2	–	37
067	Ladysmith	26	15.9	137	83.5	1	164
068	Nanaimo	108	13.8	670	85.9	2	780
069	Qualicum	44	9.8	403	89.8	2	449
070	Alberni	68	25.6	198	74.4	–	266
071	Courtenay	57	12.8	388	87.2	–	445
072/084	Campbell River/V.I. West	24	10.2	212	89.8	–	236
075	Mission	49	20.7	186	78.5	2	237
076	Agassiz–Harrison	20	27.0	54	73.0	–	74
077	Summerland	30	20.7	115	79.3	–	145
078	Enderby	18	23.1	60	76.9	–	78
080	Kitimat	18	34.0	35	66.0	–	53
081	Fort Nelson	8	57.1	6	42.9	–	14
083	Central Coast	5	71.4	2	28.6	–	7
085	Vancouver Island North	21	37.5	35	62.5	–	56
087/094	Stikine/Telegraph Creek	6	75.0	2	25.0	–	8
088	Terrace	38	37.6	63	62.4	–	101
092	Nisga'a	9	100.0	–	–	–	9
161	Vancouver City Centre	136	20.9	510	78.3	5	651
162	Vancouver Downtown E. Side	226	42.2	288	53.7	22	536
163	Vancouver North East	245	41.8	302	51.5	39	586
164	Vancouver West Side	219	26.8	592	72.5	6	817
165	Vancouver Midtown	204	42.0	274	56.4	8	486
166	Vancouver South	265	34.2	506	65.4	3	774
039	**VANCOUVER TOTAL**	**1,302**	**33.7**	**2,482**	**64.2**	**83**	**3,867**
	N.S	2	66.7	1	33.3	–	3
	PROVINCIAL TOTAL	**6,657**	**23.7**	**21,281**	**75.6**	**216**	**28,154**

Note: LHA 039 Vancouver Total may include unspecified Vancouver addresses. Non-residents are excluded.

TABLE 46
METHOD OF DISPOSITION OF DECEDENT
BRITISH COLUMBIA, 1985–2001

Year	Burial		Cremation		Other	N.S.	Total
	Number	Percent	Number	Percent	Number	Number	
1985	8,558	40.5	12,434	58.8	108	31	21,131
1986	8,204	39.1	12,686	60.4	98	18	21,006
1987	8,211	38.0	13,279	61.4	104	25	21,619
1988	8,319	37.2	13,926	62.3	96	20	22,361
1989	8,061	35.4	14,616	64.2	81	22	22,780
1990	8,208	35.1	15,088	64.5	91	11	23,398
1991	8,035	33.8	15,675	65.9	75	9	23,794
1992	7,818	32.0	16,512	67.5	97	18	24,445
1993	7,986	31.2	17,211	67.2	151	253	25,601
1994	7,708	29.8	17,886	69.3	175	55	25,824
1995	7,615	29.0	18,358	70.0	184	64	26,221
1996	7,640	27.9	19,545	71.4	192	11	27,388
1997	7,361	27.0	19,648	72.1	205	46	27,260
1998	7,198	25.9	20,374	73.3	224	10	27,806
1999	7,059	25.3	20,605	74.0	195	–	27,859
2000	6,446	23.6	20,668	75.7	185	1	27,300
2001	6,667	23.7	21,281	75.6	216	–	28,164

Note: Percent is based on total deaths in the specified year.
Other includes remains not recovered and donations as per will of deceased.
N.S. – Not stated.
Non-residents are excluded.

HIGHLIGHTS TO TABLE 46

- In 2001, out of every 100 deaths approximately:
  - 76 resulted in cremations (21,281)
  - 24 involved burials (6,667).
- Since 1985, there has been a decreasing trend in burials.

Marriage-related Statistics

MARRIAGES BY PLACE OF RESIDENCE OF BRIDE AND GROOM

BRITISH COLUMBIA, 2001

Area	Province/Country	Bride	Groom
Canada	**Total**	**19,583**	**19,583**
	British Columbia	18,453	18,345
	Alberta	718	783
	Ontario	202	225
	Saskatchewan	53	66
	Manitoba	26	30
	Quebec	26	26
	Newfoundland	7	6
	Yukon	6	7
	Northwest Territories	5	5
	Nova Scotia	4	5
	New Brunswick	3	5
North, Central and South America	**Total (Excluding Canada)**	**669**	**714**
	United States	645	705
	Mexico	10	5
	Other	14	4
Europe	**Total**	**288**	**199**
	England	58	75
	Germany	53	38
	Other United Kingdom	24	25
	Scotland	12	13
	Switzerland	10	7
	Netherlands	16	12
	France	6	4
	Other	29	25
Asia and Middle East	**Total**	**145**	**182**
	Hong Kong	53	43
	Japan	50	33
	Singapore	7	9
	Taiwan	10	3
	Korea	4	4
	Other	21	10
Africa	**Total**	**4**	**3**
Oceania	**Total**	**24**	**32**
	Australia	21	26
	Other	3	6
Unknown		**1**	**1**
Total		**20,884**	**20,884**

Summary

Statistics arising from marriages are presented in this section. Unlike the birth and death statistics, which are based on usual residence, the marriage information is based on all marriages that occurred in British Columbia and includes non-residents. The tables in this section contain information about marriages by previous marital status, age of bride and groom, and type of ceremony.

Summary statistics for marriages in 2001 are presented below:

- A total of 20,554 marriages were solemnized in the province in 2001. This number represents a seven percent reduction from the 22,094 marriages in 2000. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.0 in 2001 (see Table 1).
- In 2001, 61.4% of couples were marrying for the first time. In 20.0% of the marriages in 2001 it was the first marriage for only one of the parties, and 18.6% of marriages involved couples where both partners were previously divorced or widowed.
- Approximately a quarter of all brides and a quarter of all grooms who were married in 2001 had previously been divorced.
- Marriages where either the bride or groom was under 20 years of age accounted for approximately one out of every 40 marriages, and there were only 72 marriages where both the bride and groom were teenagers.
- Marriages where both the bride and groom were 60+ years of age accounted for one out of every 50 marriages.
- In 2001, religious representatives performed approximately 43% of the marriages (8,869) and approximately 57% were civil ceremonies (11,685).

TABLE 47
MARRIAGES BY MARITAL STATUS OF BRIDE AND GROOM
BRITISH COLUMBIA, 2001

Marital Status of Bride	Marital Status of Groom			Total
	Single	Widowed	Divorced	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Widowed	99	261	285	645
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	14,619	654	5,281	20,554

HIGHLIGHTS TO TABLE 47

- A total of 20,554 marriages were solemnized in the province in 2001. This number represents a seven percent reduction from the 22,094 marriages in 2000. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.0 in 2001 (see Table 1).
- In 2001, 61.4% of couples were marrying for the first time (12,626). In 20.0% of the marriages in 2001 it was the first marriage for only one of the parties (4,104), and 18.6% of marriages involved couples where both partners were previously divorced or widowed (3,824).
- Out of every 100 marriages in 2001, approximately:
  - 61 involved single brides and grooms (12,626)
  - 10 involved single brides and divorced or widowed grooms (2,111)
  - 10 involved single grooms and divorced or widowed brides (1,993)
  - 19 involved brides and grooms who were both divorced or widowed (3,824).
- Approximately a quarter (25.2%) of all brides (5,172) and a quarter (25.7%) of all grooms (5,281) who were married in 2001 had previously been divorced.

TABLE 48
MARRIAGES BY AGE OF BRIDE AND GROOM
BRITISH COLUMBIA, 2001

Age of Bride (in Years)	Age of Groom (in Years)										Total	
	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50–59	60+	N.S.	Number	Percent
15–19	72	275	75	15	5	2	1	1	–	–	446	2.2
20–24	57	1,700	1,726	439	102	46	9	10	2	–	4,144	20.2
25–29	5	423	2,872	1,779	570	179	43	24	4	–	5,899	28.7
30–34	3	56	618	1,556	967	407	129	56	7	–	3,799	18.5
35–39	–	15	108	460	881	527	244	152	21	–	2,216	10.8
40–44	1	1	22	90	247	369	356	288	51	–	1,453	7.1
45–49	–	2	4	23	78	180	274	402	80	–	1,043	5.1
50–59	–	–	2	9	22	72	124	543	315	–	1,087	5.3
60+	–	–	–	1	2	2	5	30	416	–	467	2.3
N.S.	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	138	2,535	5,419	4,369	2,684	1,813	1,185	1,513	898	–	20,554	
Percent	0.7	12.3	26.4	21.3	13.1	8.8	5.8	7.4	4.4	–		100.0

Note: N.S. – Not stated.
Total percentage may not add up to 100 due to rounding.

HIGHLIGHTS TO TABLE 48

- Marriages where either the bride or groom was under 20 years of age accounted for approximately one out of every 40 marriages (512) in 2001. Among these marriages, there were only 72 where both the bride and groom were teenagers.
- Out of every 100 brides, approximately:
  - 2 were aged 15–19 (446)
  - 49 were aged 20–29 (10,043)
  - 29 were aged 30–39 (6,015)
  - 12 were aged 40–49 (2,496)
  - 5 were aged 50–59 (1,087)
  - 2 were aged 60 or older (467).
- Out of every 100 grooms, approximately:
  - 1 was aged 15–19 (138)
  - 39 were aged 20–29 (7,954)
  - 34 were aged 30–39 (7,053)
  - 15 were aged 40–49 (2,998)
  - 7 were aged 50–59 (1,513)
  - 4 were aged 60 or older (898).
- Comparing the age groups of the bride and groom, out of every 100 marriages in 2001, approximately:
  - 45 marriages involved grooms who were older than their brides (9,297)
  - 42 marriages involved brides and grooms in the same age group (8,588)
  - 13 marriages involved brides who were older than their grooms (2,669).
- The average ages of brides and grooms, for first and later marriages combined, have climbed steadily since 1977. In 2001, the average age of all brides was 32.2 years old, while grooms were 35.0 years old (see Table 5).

TABLE 47
MARRIAGES BY MARITAL STATUS OF BRIDE AND GROOM
BRITISH COLUMBIA, 2001

Marital Status of Bride	Marital Status of Groom			
	Single	Widowed	Divorced	Total
Single	**12,626**	**94**	**2,017**	**14,737**
Widowed	99	261	285	645
Divorced	**1,894**	**299**	**2,979**	**5,172**
TOTAL	**14,619**	**654**	**5,281**	**20,554**

HIGHLIGHTS TO TABLE 47

- A total of 20,554 marriages were solemnized in the province in 2001. This number represents a seven percent reduction from the 22,094 marriages in 2000. The marriage rate has shown a downward trend in the last two decades, from 9.0 marriages per 1,000 population in 1980 to 5.0 in 2001 (see Table 1).
- In 2001, 61.4% of couples were marrying for the first time (12,626). In 20.0% of the marriages in 2001 it was the first marriage for only one of the parties (4,104), and 18.6% of marriages involved couples where both partners were previously divorced or widowed (3,824).
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  - 61 involved single brides and grooms (12,626)
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15–19	**72**	**275**	**75**	**15**	**5**	**2**	**1**	**1**	**–**	**–**	**446**	**2.2**
20–24	**57**	**1,763**	**1,720**	**436**	**102**	**45**	**9**	**10**	**2**	**–**	**4,144**	**20.2**
25–29	5	423	2,872	1,779	570	179	43	24	4	–	5,899	28.7
30–34	3	56	618	1,556	967	407	129	56	7	–	3,799	18.5
35–39	**–**	**15**	**106**	**460**	**691**	**527**	**244**	**152**	**21**	**–**	**2,216**	**10.8**
40–44	**1**	**1**	**22**	**90**	**247**	**399**	**356**	**286**	**51**	**–**	**1,453**	**7.1**
45–49	–	2	4	23	78	180	274	402	80	–	1,043	5.1
50–59	–	–	2	9	22	72	124	543	315	–	1,087	5.3
60+	**–**	**–**	**–**	**1**	**2**	**2**	**5**	**39**	**418**	**–**	**467**	**2.3**
N.S.	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**
TOTAL	**138**	**2,535**	**5,419**	**4,369**	**2,684**	**1,813**	**1,185**	**1,513**	**898**	**–**	**20,554**	
Percent	**0.7**	**12.3**	**26.4**	**21.3**	**13.1**	**8.8**	**5.8**	**7.4**	**4.4**	**–**		**100.0**

Note: N.S. – Not stated.
Total percentage may not add up to 100 due to rounding.

HIGHLIGHTS TO TABLE 48

- Marriages where either the bride or groom was under 20 years of age accounted for approximately one out of every 40 marriages (512) in 2001. Among these marriages, there were only 72 where both the bride and groom were teenagers.
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- The average ages of brides and grooms, for first and later marriages combined, have climbed steadily since 1977. In 2001, the average age of all brides was 32.2 years old, while grooms were 35.0 years old (see Table 5).

TABLE 49
RELIGIOUS REPRESENTATIVES ON REGISTER AND MARRIAGES PERFORMED BY RELIGIOUS DENOMINATION
BRITISH COLUMBIA, 2001

Religious Denomination	Number of Religious Representatives	Number Who Performed Marriages	Number of Marriages Performed
Anglican	**574**	**236**	**698**
Baptist	**694**	**323**	**714**
Eastern Orthodox	**43**	**13**	**63**
Jewish	34	11	39
Lutheran	269	122	324
Mennonite/Hutterite	465	208	419
Pentecostal	**822**	**328**	**805**
Presbyterian	**194**	**74**	**162**
Catholic	**551**	**271**	**1,307**
Salvation Army	200	50	68
Jehovahs Witness	100	61	147
United Church	610	302	1,379
Other Christian Religions	**2,264**	**840**	**1,823**
Other Non Christian Religions	**399**	**144**	**898**
Unknown/Not Stated	**9**	**4**	**23**
Total	**7,228**	**2,987**	**8,869**

Note: Religious Denomination categories are from Statistics Canada.
Individuals with temporary appointments are counted once for each appointment.

TABLE 50
MARRIAGE COMMISSIONERS ON REGISTER BY TYPE AND MARRIAGES PERFORMED
BRITISH COLUMBIA, 2001

Type of Commisioner	Number of Commissioners	Number Who Performed Marriages	Number of Marriages Performed
Private Commissioner*	**425**	**411**	**11,682**
Public Servant	10	3	3
Total	**435**	**414**	**11,685**

Note: Individuals with temporary appointments are counted once for each appointment.
* Includes 116 temporary appointments.

HIGHLIGHTS TO TABLE 49/TABLE 50

- In British Columbia, Religious Representatives or Marriage Commissioners can perform marriage ceremonies. There were 2,987 Religious Representatives and 414 Marriage Commissioners who solemnized marriages in the province in 2001.
- In 2001 approximately 43% of the marriages were performed by religious representatives (8,869) and approximately 57% were civil ceremonies (11,685).

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Glossary

Terms, Methods, and Computational Examples

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS)

(See **HIV Disease.**)

AGE-SPECIFIC FERTILITY RATE (ASFR)

The rate of live births per 1,000 women for the specific age group. This is a more detailed measure than the crude birth rate, as it reflects variations in the birth rate by age groups of the female population.

(See **Statistical Computation** under Fertility Rate for an example.)

AGE STANDARDIZATION

Age standardized is a method of calculation which adjusts a statistical measure for differences in the age/gender structures between populations. With standardized measures, more meaningful comparisons can be made between genders, different time periods, or geographic areas, because the age standardized statistic is calculated as if all populations had the same age/gender age population distribution.

(See **Age Standardized Mortality Rate (ASMR), Standardized Mortality Ratio (SMR), Potential Years of Life Lost Standardized Rate (PYLLSR),** and **Potential Years of Life Lost Index (PYLLI);** for an example, see **Statistical Computation.**)

AGE STANDARDIZED MORTALITY RATE (ASMR)

A summary of age adjusted death rates by age and gender, which have been standardized to a 'standard' population (1991 Canada Census) for the purpose of rate comparisons between genders, different time periods or different geographic locations. The ASMR is the theoretical number of deaths that would occur per 10,000 population, if the specific population had the same age structure as the standard population.

(See **Age Standardization** and **Standard Population;** for an example, see **Statistical Computation.**)

AIDS

(See **HIV Disease.**)

ALCOHOL-RELATED DEATHS

Alcohol-related deaths are based on the ICD-10 diagnostic categories listed below, for which the resulting deaths are directly attributed to the use or abuse of alcohol. Coding practices from 1995 to 1999 may have produced over-counting of alcohol-related mortality. With the introduction of ICD-10 in 2000, more specific codes are available. Currently produced data should not be used in combination with data produced prior to 2000.

Directly Related to Alcohol Cause of Death:	**ICD–10 Code(s)**
Alcoholic intoxication	F10.0–F10.1
Alcoholic psychoses and dependence	F10.2–F10.9
Alcoholic liver disease	K70
Alcoholic neurological disorders	G31.2, G62.1, G72.1
Alcoholic cardiomyopathy	I42.6
Alcoholic gastritis	K29.2
Alcoholic chronic pancreatitis	K86.0
Alcohol poisoning	X45, X65
Other causes	E24.4, O35.4, O99.3, P04.3, Q86.0, R78.0, T51.0–T51.2, T51.9

Alcohol is considered to be a direct cause of death if one of the above conditions is listed as the underlying cause of death on the medical certification of death. If, however, any of the above conditions are listed on the certificate as antecedent causes giving rise to the underlying cause or other significant conditions contributing to the death, the death is considered to be indirectly related to alcohol. ICD-10 codes for deaths indirectly related to alcohol are listed below:

Indirectly Related to Alcohol (excludes codes for directly related to alcohol)

Cause of Death	ICD-10 Code(s)
Infectious/parasitic diseases	A00–B99
Neoplasms	C00–D48
Endocrine/nutritional/metabolic diseases	E00–E24.3, E24.8–E89
Mental and behavioural disorders	F00–F09, F11–F99
Nervous system diseases	G00–G31.1, G31.8–G62.0, G62.2–G72.0, G72.2–G99
Circulatory system diseases	I00–I42.5, I42.7–I99
Respiratory system diseases	J00–J99
Digestive system diseases	K00–K29.1, K29.3–K69, K71.0–K85, K86.1–K92
Genitourinary system diseases	N00–N39, N99.0–N99.1, N99.5
Unintentional injury/accidents	V01–X44, X46–X59, Y40–Y86, Y88
Suicide	X60–X64, X66–X84, Y87.0
Homicide	X85–Y09, Y87.1
Other causes	

Refer to Glossary in previous annual reports for ICD-9 codes.

ASFR

(See **Age Specific Fertility Rate.**)

ASMR

(See **Age Standardized Mortality Rate.**)

AVERAGE AGE

The average ages of brides, grooms, and mothers of newborns in this annual report are calculated based on information provided on marriage or birth registration forms. The average ages of the population living in data dissemination areas are based on the mid-year population estimates for five-year age groups.

AVERAGE AGE POPULATION

The average age of the population is a grouped average based on the mid-year population estimates for five-year age groups.

BIRTH ORDER

Denotes the number position of the present birth relative to previous live births. That is, whether the live birth being counted is the 1st, 2nd, 3rd, etc. live born infant to a particular mother.

BIRTH RATE

(See **Crude Rates.**)

BIRTH WEIGHT

The first weight of the fetus or newborn after birth. For live births this weight should be measured within the first hour of life before significant postnatal weight loss has occurred. Hospitals in B.C. measure weight in grams; the approximate equivalents in imperial measures are included below for comparisons to other jurisdictions. For statistical and risk assessment purposes, birth weights are grouped as:

- Extremely Low Birth Weight: weight less than 500 grams (< 1 lb 2 oz).
- Very Low Birth Weight: weight less than 1,500 grams (< 3 lb 5 oz).
- Low Birth Weight (LBW): weight less than 2,500 grams (< 5 lb 8 oz).
- "Normal" Birth Weight: weight from 2,500 to 4,499 grams (5 lb 8 oz to 9 lb 15 oz).
- High Birth Weight: weight of 4,500 grams or more (> 9 lb 15 oz).

BIRTHS

(See **Total Births.**)

BREECH

(See **Mode of Delivery.**)

CESAREAN

(See **Mode of Delivery.**)

COMMUNITY

A geographic area defined by a municipal (city, town, village, district municipality, island municipality, or Indian Government district) boundary. In this report, data are provided only for those communities that are incorporated.

CONFIDENCE INTERVAL

(See **Statistical Test.**)

CONGENITAL ANOMALIES

Physical defects that existed or date from birth.

CRUDE RATES

For live births: the crude rate is the number of births divided by the mid-year population and converted to a rate per 1,000 population.

For birth-related statistics (teenage mother, elderly gravida, C-section, low birth weight, and pre-term): the rate is the number of these births divided by the number of live births and converted to a rate per 1,000 live births.

For stillbirths and perinatal deaths: the rate is the number of stillbirths, perinatal deaths divided by the number of total births (live births plus stillbirths) and converted to a rate per 1,000 total births.

For infant deaths: the crude rate is the number of infant deaths divided by the number of live births and converted to a rate per 1,000 live births.

For maternal deaths: the rate is the number of maternal deaths divided by the number of live births, and converted to a rate per 10,000 live births.

For deaths and mortality statistics: the crude rate is the number of deaths divided by the mid-year population and converted to a rate per 1,000 population.

For marriages: the crude rate is the number of marriages divided by the mid-year population and converted to a rate per 1,000 population.

DEATH RATE

(See **Crude Rates.**)

DRUG-INDUCED DEATHS

Deaths due to drug-induced causes. This category of deaths excludes accidents, homicides, and other causes indirectly related to drug use, as well as alcohol-related deaths and smoking-attributable mortality. The causes of death classified as being drug-induced (as shown below) are based on those used by the National Center for Health Statistics.[1]

Cause of Death	ICD-10 Code(s)
Psychoactive substance and drug use/abuse	F11-F16, F19
Accidental poisoning by drugs and medicaments	X40-X44
Suicide by drugs and medicaments	X60-X64
Assault by drugs and medicaments	X85
Poisoning by drugs and medicaments, undetermined if accident or intentional	Y10-Y14
Adverse effects of drugs and medicaments	Y40-Y56, Y57.0-Y57.4, Y57.7-Y57.9, Y88.0

Refer to Glossary in previous annual reports for ICD-9 codes.

EARLY NEONATAL DEATH

Death of a child under seven days of age.

ELDERLY GRAVIDA

Any woman who was 35 years of age or older at the time of delivery of a live born infant.

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1 National Center for Health Statistics (1993). Technical notes. Monthly Vital Statistics Report. 41 (Suppl. 7), 48.

EXPECTED DEATHS

The number of deaths expected for residents of a sub-provincial geographic area, based on the age-specific mortality rates for the province as a whole and the population age structure of the sub-provincial geographic area.

(See **Statistical Computation** for an example.)

EXPECTED LOW BIRTH WEIGHT

The number of live births with low birth weight (less than 2,500 grams) that would be expected to be born to residents of a sub-provincial geographic area, based on the low birth weight rate for the province as a whole, and the number of births in the sub-provincial geographic area.

(See **Statistical Calculation** under Low Birth Weight Live Births for an example.)

EXPECTED POTENTIAL YEARS OF LIFE LOST

The number of potential years of life lost (to age 75, as in this report) expected for residents of a sub-provincial geographic area based on the age-specific mortality rates for the province as a whole and the population age structure of the sub-provincial geographic area.

(See **Statistical Computation** under Potential Years of Life Lost Index for an example.)

FERTILITY RATE

The number of live births occurring in a given time period divided by the number of women of child-bearing age for residents of a geographic area. B.C. rates are per 1,000 women aged 15 to 44. Canadian rates are per 1,000 women aged 15 to 49.

(See **Total Fertility Rate**.)

FORCEPS

(See **Mode of Delivery**.)

GESTATIONAL AGE

Fetal age or duration of pregnancy measured from the first day of the last normal menstrual period. Gestational age is expressed in completed days or completed weeks (e.g., events occurring 280 to 286 days after the onset of the last normal menstrual period are considered to have occurred at 40 weeks of gestation).

Measurements of fetal growth, as they represent continuous variables, are expressed in relation to a specific week of gestational age as follows:

- Extremely premature: gestational age of less than 28 weeks.
- Moderately premature: gestational age of 28 to 36 weeks.
- Pre-term/Premature: gestational age less than 37 weeks.
- Term: gestational age of 37 to 41 weeks.
- Post-term/Postmature: gestational age of 42 weeks or more.

HEALTH AUTHORITY (HA)

A geographic subdivision of the province used by the Ministry of Health for administrative purposes. The appendices 1 and 3 include data by 6 health authorities. Figure 2 presents a map of the province by HAs.

HEALTH SERVICE DELIVERY AREA (HSDA)

A geographic subdivision of the province used by the Health Authorities for administrative purposes. The appendices 1 and 3 include data by 16 Health Service Delivery Areas. Figure 2 presents a map of the province by HSDAs.

HIV DISEASE

In 1987, the World Health Organization added new codes to the *International Classification of Diseases* (ICD) to identify Acquired Immunodeficiency Syndrome (AIDS) and Human Immunodeficiency Virus (HIV). In ICD-10, these conditions are coded to B20–B24 and are called HIV disease.

Refer to Glossary in previous annual reports for ICD-9 codes.

HUMAN IMMUNODEFICIENCY VIRUS (HIV)

The virus that causes HIV disease.

ICD-9 CODES

The World Health Organization's *International Classification of Diseases, Ninth Revision*. This version of ICD was used by the B.C. Vital Statistics Agency for coding of birth complications and causes of death from 1979 until 1999.

ICD-10 CODES

The World Health Organization's *International Classification of Diseases and Related Health Problems, Tenth Revision*, implemented by the B.C. Vital Statistics Agency on January 1, 2000. The Preamble to Appendix 2 presents a summary of ICD-10.

INFANT MORTALITY

Death of children under one year of age.

INFANT MORTALITY RATE

The number of deaths of children under one year of age expressed as a rate per 1,000 live births. The infant mortality rate is an internationally accepted indicator of the health status of a population.

LBW

(See **Low Birth Weight.**)

LHA

(See **Local Health Area.**)

LIFE EXPECTANCY

Life expectancy at age 0 represents the mean number of years a birth cohort (persons born in the same year) may expect to live given the present mortality experience of a population. The life expectancy for a population is a summary measure that reflects the mortality rates for all ages combined, weighted in accordance with a life-table population structure. Life expectancy is an internationally accepted indicator of the health status of a population.

LIVE BIRTH

The *Vital Statistics Act* defines a live birth as "The complete expulsion or extraction from its mother, irrespective of the duration of the pregnancy, of a product of conception in which, after the expulsion or extraction, there is:

(a) breathing;
(b) beating of the heart;
(c) pulsation of the umbilical cord; or
(d) unmistakable movement of voluntary muscle, whether or not the umbilical cord has been cut or the placenta attached."

LOCAL HEALTH AREA

A geographic subdivision of the province used by the Ministries of Health for data dissemination purposes, which can be aggregated into Health Authorities (HA), or Health Service Delivery Areas (HSDA). In the tables in this report, four pairs of LHAs have been combined for ease of data presentation. Figure 1 presents a map of the province by local health areas.

LOW BIRTH WEIGHT (LBW)

A birth weight of less than 2,500 grams. Low birth weight babies have increased risks of morbidity and premature death.

LOW BIRTH WEIGHT RATE

The number of low birth weight live born babies per 1,000 live births.

MARRIAGE RATE

(See **Crude Rates.**)

MEDICALLY TREATABLE DISEASES, DEATHS DUE TO

Deaths due to medically treatable diseases are based on Charlton's[2] classification. The disease categories (shown below) are ones for which mortality could potentially have been avoided through appropriate medical intervention. The calculation of this measure is based on deaths of a specified age where the underlying cause stated on the medical certificate of death falls into one of these categories.

Cause of Death (Age)	ICD-10 Code(s)
Hypertensive disease (5–64)	I10–I15
Cervical cancer (5–64)	C53

[2] Charlton, J.R.H. (1987). Avoidable Deaths and Diseases as Monitors of Health Promotion. In T. Abelin, Z.J. Brzezinski, & V. Carstairs (Eds.), *Measurement in Health Promotion and Protection* (pp. 467–479). Copenhagen, Denmark: World Health Organization, Regional Office for Europe.

Pneumonia and unqualified bronchitis (5–49)	J12–J18.1, J18.8–J18.9, J40
Tuberculosis (5–64)	A15–A19, B90
Asthma (5–49)	J45, J46
Chronic rheumatic heart disease (5–44)	I05–I09
Acute respiratory infections and influenza (5–49)	J00–J06, J20–J22, J10–J11
Bacterial infections (5–64)	A00–A05, A20–A49, B95–B96, G00, H66, H70, H95.0–H95.1, I00–I01, I02.0, I02.9, L01–L08, M00, M02.8, M02.9, M46.2, M86, M87.1
Hodgkin's disease (5–34)	C81
Abdominal hernias, cholecystitis and cholelithiasis, appendicitis (5–64)	K40–K46, K80–K81, K35–K37
Deficiency nutritional anemias (5–64)	D50–D53

Refer to Glossary in previous annual reports for ICD-9 codes.

MODE OF DELIVERY

- **Cesarean:**
  A delivery involving the surgical incision of the abdomen and uterine walls.
- **Forceps:**
  An assisted delivery employing forceps.
- **Spontaneous Breech:**
  An unassisted (spontaneous) delivery in which the buttocks or feet of the fetus appear first.
- **Spontaneous Vertex:**
  An unassisted (spontaneous) delivery in which the head of the fetus appears first.
- **Vacuum:**
  An assisted delivery employing suction or vacuum.

MVA DEATHS

Motor Vehicle Accidental Deaths.

NATURAL POPULATION GROWTH

The component increase in a population due to the number of live births less deaths. This increase may often be expressed as a rate, such as per 1,000 population.

NEONATAL DEATH

Death of a child under 28 days of age.

OBSERVED DEATHS

The actual number of deaths that occurred in the province to residents of a geographic area in a specified time period.

OBSERVED LOW BIRTH WEIGHT LIVE BIRTHS

The actual number of low birth weight live births that occurred in the province to residents of a geographic area in a specified time period.

OBSERVED PYLL

The actual number of potential years of life lost (to age 75) from deaths that occurred in the province to residents of a geographic area in a specified time period.

OUT-OF-WEDLOCK BIRTHS

Births where the mother of the baby is not lawfully married to the father of the baby.

P-VALUE

(See **Statistical Test.**)

PERINATAL

Pertaining to or occurring in the period shortly before, during, and after birth.

POPULATION

Mid-year population estimates used in the preparation of this report were obtained from BC STATS, Ministry of Management Services.

POST NEONATAL DEATH
Death of a child between the ages of 28 days and less than one year.

POST-TERM
(See **Gestational Age.**)

POTENTIAL YEARS OF LIFE LOST (PYLL)
The number of years of life lost when a person dies before a specified age (75 years). In this report, all deaths are assumed to occur at the midpoint of five-year age groups.
(See **Statistical Computation** for an example.)

PRE-TERM
(See **Gestational Age.**)

PYLL INDEX (PYLLI)
The ratio of an area's observed PYLL to its expected PYLL. This is a health status indicator.
(See **Statistical Computation** for an example.)

PYLL STANDARDIZED RATE (PYLLSR)
An age-standardized measure of an area's PYLL, expressed in terms of a rate per 1,000 population, adjusted to a standard population (1991 Canada Census). This is a health status indicator.
(See **Statistical Computation** for an example.)

PYLLI
(See **PYLL Index.**)

PYLLSR
(See **PYLL Standardized Rate.**)

QUINTILE
A ranking is derived by dividing a group (e.g., LHAs within British Columbia) into five subgroups, each with equal numbers of LHAs. These divisions are derived from a ranking of the group members according to the value of a measure, such as the SMR or the PYLLI.

SAM
(See **Smoking-attributable Mortality.**)

SAM(%)
(See **Smoking-attributable Mortality.**)

SIDS
Sudden Infant Death Syndrome.

SMOKING-ATTRIBUTABLE MORTALITY (SAM)
The absence on death certifications of complete and reliable data on smoking as a contributing factor requires that estimation or other techniques be used to approximate the extent of smoking-attributable deaths. Estimation methods, while not precise, may at least provide a general indication of the extent of such deaths. The method used here is based on the concept of attributable risk.

To define attributable risk mathematically, consider d_0 and d_1 respectively to represent the death rates, in a given time period, in two cohorts from a population — those not exposed and those exposed to a given risk factor. The attributable risk of this factor, AR_1, would then be:

$$AR_1 = \frac{d_1 - d_0}{d_1} = \frac{r_1 - 1}{r_1}$$

Where: $r_1 = d_1/d_0$ is the relative risk of the exposed cohort.

The relative risk of the unexposed cohort is $r_0 = 1$; the attributable risk of this cohort is $AR_0 = 0$.

The attributable risk (AR) for the population as a whole (exposed plus unexposed cohorts) is given by:

$$AR = \frac{p_1 (r_1 - 1)}{p_1 (r_1) + (1 - p_1) (r_0)} = \frac{(p_1) (r_1 - 1)}{(p_1) (r_1 - 1) + 1}$$

Where: p_1 = the proportion or fraction of the population exposed to the risk factor; and
$1-p_1$ = the proportion or fraction of the population not exposed to the risk factor.

This may be extended to account for multiple levels of exposure, as follows:

$$AR = \frac{\sum_{i=1}^{n} p_i (r_i - 1)}{\sum_{i=1}^{n} p_i (r_i - 1) + 1}$$

Where: p_i = the proportion (prevalence) of the population in the ith level of exposure group;
r_i = the relative risk at the ith level of exposure; and
i = the ith risk category.

When applied to smoking-attributable mortality (SAM), the attributable risk is often expressed as a percentage:

$$SAM\ (\%) = AR \times 100$$

The number of adult (35+ years of age) smoking deaths in British Columbia was estimated for 19 diseases. Smoking-attributable deaths are derived by multiplying the smoking-attributable mortality percentage expressed as a decimal fraction by the number of deaths in each cause of death category listed below.

Cause of Death	ICD-10 Code(s)
Malignant Neoplasms	
Malignant neoplasm of lip, oral cavity, and pharynx	C00–C14
Malignant neoplasm of esophagus	C15
Malignant neoplasm of pancreas	C25
Malignant neoplasm of larynx	C32
Malignant neoplasm of trachea, lung, and bronchus	C33–C34
Malignant neoplasm of cervix, uterus	C53–C55
Malignant neoplasm of urinary bladder	C67
Malignant neoplasm of kidney and other unspecified urinary organs	C64–C66, C68
Circulatory System Diseases	
Hypertension	I10–I13
Ischemic heart disease	I20–I25
Other heart diseases	I01–I09, I27, I30–I52
Cerebrovascular disease	I60–I69
Atherosclerosis	I70
Aortic aneurysm	I71
Other arterial diseases	I26, I28, I72–I78
Respiratory System Diseases	
Pneumonia/influenza	J10–J18.1, J18.8–J18.9
Bronchitis, emphysema	J40–J43
Chronic obstructive pulmonary disease	J44
Other respiratory diseases	A15–A19, J45–J46

Relative-risk data from the American Society's Cancer Prevention Study (CPS-II) 1982–1988[3] were selected for use, as they have been widely used for similar analyses. The data from the CPS–II established the age groups and the classification of smokers (current, former, and never) for which smoking prevalence data were required. The relative risk age categories were for 35+, or 35–64 and 65+. B.C. prevalence rates for smoking were provided in the *Tobacco Use in B.C. (1997)* survey commissioned by the B.C. and Yukon Health and Stroke Foundation.[4]

Refer to Glossary in previous annual reports for ICD-9 codes.

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[3] Centers for Disease Control. (1990). *Smoking and health: A national status report.* (DHSS publication no. (CDC) 87–8396). 2nd Edition. Rockville, MD: U.S. Department of Health and Human Services.

[4] Tobacco Use in B.C., ANGUS REID GROUP survey results, September 1997.

SMR

(See **Standardized Mortality Ratio.**)

STANDARD POPULATION

A reference population of known age distribution used in the calculation of standardized indicators to adjust for variations in population age structures in different geographic areas or time periods. For SMR and PYLLI calculations the standard population is the British Columbia population for the year(s) concerned. The 1991 Canadian Census is used as the standard population in the calculation of ASMR and PYLLSR.

STANDARDIZED MORTALITY RATIO (SMR)

The ratio of the number of deaths occurring to residents of a geographic area (e.g., LHA) to the expected number of deaths in that area based on provincial age-specific mortality rates. The SMR is a good measure for comparing mortality data that are based on a small number of cases or for readily comparing mortality data by geographical area. SMR is an internationally recognized health status indicator.

(See **Age Standardization** and **Standard Population**; for an example see **Statistical Computation.**)

STATISTICAL COMPUTATION

The following provides the reader with computational examples of how various measures are calculated. In the examples, LHAs have been employed as the geographic unit of analysis. All data shown in the examples are hypothetical.

- **Age Standardized Mortality Rate (ASMR):**

Age Group (i)	Standard Population (π_i)	LHA		
		Estimated Population (p_i)	Death Rate/10,000 (m_i)	Observed Deaths (d_i)
<1	403,061	1,339	22.4	3
1–4	1,550,285	5,483	1.8	1
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
80–84	382,303	1,198	701.2	84
85 +	287,877	908	1596.9	145
TOTAL	28,120,065	81,016		561

For the Local Health Area:

$$ASMR = \frac{\Sigma m_i \times \pi_i}{\prod} = \frac{22.4 \times 403{,}061 + \ldots + 1{,}596.9 \times 287{,}877}{28{,}120{,}065} = 46.2$$

Where: p_i = area population in age group i;
π_i = standard population in age group i;
$\prod = \Sigma\pi_i$ = total standard population;
d_i = deaths in LHA population in age group i; and
$m_i = d_i/p_i \times 10{,}000$ = mortality rate per 10,000 LHA population in age group i.

e.g., $m_i = \frac{3 \times 10{,}000}{1{,}339} = 22.4$, for age group 1.

SMR

(See **Standardized Mortality Ratio.**)

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A reference population of known age distribution used in the calculation of standardized indicators to adjust for variations in population age structures in different geographic areas or time periods. For SMR and PYLLI calculations the standard population is the British Columbia population for the year(s) concerned. The 1991 Canadian Census is used as the standard population in the calculation of ASMR and PYLLSR.

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.	.	.	.	.
.	.	.	.	.
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For the Local Health Area:

$$ASMR = \frac{\sum m_i \times \pi_i}{\prod} = \frac{22.4 \times 403{,}061 + \ldots + 1{,}596.9 \times 287{,}877}{28{,}120{,}065} = 46.2$$

Where: p_i = area population in age group i;
π_i = standard population in age group i;
$\prod = \sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i; and
$m_i = d_i / p_i \times 10{,}000$ = mortality rate per 10,000 LHA population in age group i.

e.g., $m_i = \frac{3 \times 10{,}000}{1{,}339} = 22.4$, for age group 1.

- **Fertility Rate:**

Age Group (i)	LHA		
	Live Births (b_i)	Female Population (w_i)	Age Specific Fertility Rate ($ASFR_i$)
15–19	19	598	31.8
20–24	46	440	104.5
25–29	74	498	148.6
30–34	51	745	68.5
35–39	12	690	17.4
40–44	2	581	3.4
TOTAL	204	3,552	374.2

For the Local Health Area:

1) the age specific fertility rate (ASFR) for age group 15–19 years is:

$$ASFR_i = \frac{b_i}{w_i} \times 1{,}000 = \frac{19}{598} \times 1{,}000 = 31.8$$

Where: b_i = number of live births for age group i; and
w_i = number of female population for age group i.

2) the total fertility rate (TFR) is:

$$TFR = a \times \sum ASFR_i = 5 \times (31.8 + \ldots + 3.4) = 1{,}871$$

Where: $ASFR_i$ = age specific fertility rate for age group i; and
a = number of years in each age group i.

- **Low Birth Weight (LBW) Live Births:**

Year (i)	LHA			British Columbia	
	Low Birth Weight Live Births		Total Live Births (L_i)	Low Birth Weight Live Births	Total Live Births (B_i)
	Observed (O_i)	Expected (E_i)		Observed (b_i)	
1995	92	82.9	1,701	2,096	42,989
1996	69	74.6	1,588	1,965	41,846
1997	102	80.2	1,582	2,113	41,655
1998	85	74.7	1,495	2,145	42,913
1999	91	78.1	1,501	2,267	43,586
TOTAL	439	390.6	7,867	10,586	212,989

For the Local Health Area:

1) the expected low birth weight live births for year i = 1995 were:

$$E_i = \frac{b_i}{B_i} \times L_i = \frac{2{,}096}{42{,}989} \times 1{,}701 = 82.9$$

Where: b_i = number of LBW live births for the province in year i;
B_i = number of live births for the province in year i; and
L_i = number of live births for the LHA.

2) the ratio of observed over the expected LBW live births for the five-year period was:

$$\text{Ratio} = \frac{\sum O_i}{\sum E_i} = \frac{92 + \ldots + 91}{82.9 + \ldots + 78.1} = \frac{439}{390.6} = 1.1$$

Where: O_i = observed LBW live births for year i; and
E_i = expected LBW live births for year i.

3) Chi-Square (χ^2):

$$\chi^2 = \frac{(O-E)^2}{E} = \frac{(439-390.6)^2}{390.6} = 6.0$$

Where: $O = \sum O_i$ = total number of observed LBW live births; and
$E = \sum E_i$ = total number of expected LBW live births.

- **Potential Years of Life Lost (PYLL) and Standardized Rate (PYLLSR):**

Age Group (i)	Age Factor ($75-Y_i$)	Standard Population (π_i)	LHA Estimated Population (p_i)	LHA Death Rate/1,000 (m_i)	LHA Observed Deaths (d_i)	LHA Observed PYLL ($d_i(75-Y_i)$)
<1	74.5	403,061	1,339	2.2	3	223.5
1–4	72.0	1,550,285	5,483	0.2	1	72.0
5–9	67.5	1,953,045	6,553	0.2	1	67.5
.	.	.	.	.	.	.
.	.	.	.	.	.	.
.	.	.	.	.	.	.
65–69	7.5	1,084,588	3,538	18.7	66	495.0
70–74	2.5	834,024	2,779	28.8	80	200.0
TOTAL		28,120,065	79,140		239	3,183.0

For the Local Health Area:

$$PYLL = \sum di \times (75 - Y_i)$$

Where: d_i = number of deaths in age group i;
Y_i = age at midpoint of age group i; and
Σ = summation.

$$PYLLSR = \frac{\sum m_i \times \pi_i \times (75 - Y_i)}{\prod} = \frac{2.2 \times 403{,}061 \times 74.5 + \ldots + 28.8 \times 834{,}024 \times 2.5}{28{,}120{,}065} = 37.0$$

Where: p_i = LHA population in age group i;
π_i = standard population in age group i;
$\prod = \sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i;
Y_i = age at midpoint of age group i; and
$m_i = (d_i/p_i) \times 1{,}000$ = mortality rate per 1,000 LHA population in age group i.

- **Potential Years of Life Lost Index (PYLLI):**

Note that this method is both age and gender standardized.

Age Group (i)	Gender (j)	Age Factor ($75-Y_{ij}$)	LHA Estimated Population (p_{ij})	LHA Death Rate/1,000 (m_{ij})	LHA Observed Deaths (d_{ij})	LHA Observed PYLL ($d_{ij}(75-Y_{ij})$)	LHA Expected PYLL ($e_{ij}(75-Y_{ij})$)	British Columbia Estimated Population (P_{ij})	British Columbia Death Rate/1,000 ($D_{ij}/P_{ij} \times 1{,}000$)	British Columbia Observed Deaths (D_{ij})	British Columbia Observed PYLL ($D_{ij}(75-Y_{ij})$)
<1	M	74.5	1,339	2.2	3	223.5	766.3	42,700	7.7	328	24,436.0
<1	F	74.5	1,301	1.8	2	177.3	620.8	40,600	6.4	260	19,380.3
.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.
70–74	M	2.5	1,587	71.3	113	282.8	233.2	65,500	58.8	3,969	9,921.4
70–74	F	2.5	2,779	28.8	80	200.0	182.3	107,000	26.2	2,807	7,017.5
TOTAL			79,140		239	3,183.0	5,100.0	2,966,500		11,068	200,265.5

- **Fertility Rate:**

Age Group (i)	LHA		
	Live Births (b_i)	Female Population (w_i)	Age Specific Fertility Rate ($ASFR_i$)
15–19	19	598	31.8
20–24	46	443	103.8
25–29	74	498	148.6
30–34	51	745	68.5
35–39	12	690	17.4
40–44	2	581	3.4
TOTAL	204	3,552	374.2

For the Local Health Area:

1) the age specific fertility rate (ASFR) for age group 15–19 years is:

$$ASFR_i = \frac{b_i}{w_i} \times 1{,}000 = \frac{19}{598} \times 1{,}000 = 31.8$$

Where: b_i = number of live births for age group i; and
w_i = number of female population for age group i.

2) the total fertility rate (TFR) is:

$$TFR = a \times \Sigma ASFR_i = 5 \times (31.8 + \ldots + 3.4) = 1{,}871$$

Where: $ASFR_i$ = age specific fertility rate for age group i; and
a = number of years in each age group i.

- **Low Birth Weight (LBW) Live Births:**

Year (i)	LHA			British Columbia	
	Low Birth Weight Live Births		Total Live Births (L_i)	Low Birth Weight Live Births	Total Live Births (B_i)
	Observed (O_i)	Expected (E_i)		Observed (b_i)	
1995	92	82.9	1,701	2,096	42,989
1996	69	74.6	1,588	1,985	41,848
1997	102	80.2	1,582	2,113	41,655
1998	85	74.7	1,495	2,145	42,913
1999	91	78.1	1,501	2,257	43,586
TOTAL	439	390.6	7,867	10,596	212,989

For the Local Health Area:

1) the expected low birth weight live births for year i = 1995 were:

$$E_i = \frac{b_i}{B_i} \times L_i = \frac{2{,}096}{42{,}989} \times 1{,}701 = 82.9$$

Where: b_i = number of LBW live births for the province in year i;
B_i = number of live births for the province in year i; and
L_i = number of live births for the LHA.

2) the ratio of observed over the expected LBW live births for the five-year period was:

$$\text{Ratio} = \frac{\Sigma O_i}{\Sigma E_i} = \frac{92 + \ldots + 91}{82.9 + \ldots + 78.1} = \frac{439}{390.6} = 1.1$$

Where: O_i = observed LBW live births for year i; and
E_i = expected LBW live births for year i.

3) Chi-Square (χ^2):

$$\chi^2 = \frac{(O-E)^2}{E} = \frac{(439-390.6)^2}{390.6} = 6.0$$

Where: $O = \sum O_i$ = total number of observed LBW live births; and
$E = \sum E_i$ = total number of expected LBW live births.

- **Potential Years of Life Lost (PYLL) and Standardized Rate (PYLLSR):**

Age Group (i)	Age Factor ($75-Y_i$)	Standard Population (π_i)	LHA Estimated Population (p_i)	LHA Death Rate/1,000 (m_i)	LHA Observed Deaths (d_i)	LHA Observed PYLL ($d_i(75-Y_i)$)
<1	74.5	403,061	1,339	2.2	3	223.5
1–4	72.0	1,560,286	5,483	0.2	1	72.0
5–9	67.5	1,963,045	6,563	0.2	1	67.5
.	.	.	.	.	.	.
.	.	.	.	.	.	.
.	.	.	.	.	.	.
65–69	7.5	1,084,586	3,538	18.7	66	495.0
70–74	2.5	834,024	2,779	28.8	80	200.0
TOTAL		28,120,065	79,140		239	3,183.0

For the Local Health Area:

$$PYLL = \sum di \times (75 - Y_i)$$

Where: d_i = number of deaths in age group i;
Y_i = age at midpoint of age group i; and
Σ = summation.

$$PYLLSR = \frac{\sum m_i \times \pi_i \times (75 - Y_i)}{\prod} = \frac{2.2 \times 403{,}061 \times 74.5 + \ldots + 28.8 \times 834{,}024 \times 2.5}{28{,}120{,}065} = 37.0$$

Where: p_i = LHA population in age group i;
π_i = standard population in age group i;
$\prod = \sum \pi_i$ = total standard population;
d_i = deaths in LHA population in age group i;
Y_i = age at midpoint of age group i; and
$m_i = (d_i/p_i) \times 1{,}000$ = mortality rate per 1,000 LHA population in age group i.

- **Potential Years of Life Lost Index (PYLLI):**

Note that this method is both age and gender standardized.

Age Group (i)	Gender (j)	Age Factor ($75-Y_{ij}$)	LHA Estimated Population (p_{ij})	LHA Death Rate/1,000 (m_{ij})	LHA Observed Deaths (d_{ij})	LHA Observed PYLL ($d_{ij}(75-Y_{ij})$)	LHA Expected PYLL ($e_{ij}(75-Y_{ij})$)	British Columbia Estimated Population (P_{ij})	British Columbia Death Rate/1,000 ($D_{ij}/P_{ij}\times1{,}000$)	British Columbia Observed Deaths (D_{ij})	British Columbia Observed PYLL ($D_{ij}(75-Y_{ij})$)
<1	M	74.5	1,339	2.2	3	223.5	786.3	42,700	7.7	328	24,436.0
<1	F	74.5	1,301	1.8	2	177.3	620.8	40,600	6.4	260	19,360.3
.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.	.	.	.
70–74	M	2.5	1,587	71.3	113	282.8	233.2	65,800	56.8	3,969	9,921.4
70–74	F	2.5	2,779	28.8	80	200.0	182.3	107,000	28.2	2,807	7,017.5
TOTAL			79,140		239	3,183.0	5,100.0	2,966,900		11,088	200,285.5

For the Local Health Area:

$$PYLLI = \frac{O}{E} = \frac{\sum d_{ij} \times (75 - Y_{ij})}{\sum e_{ij} \times (75 - Y_{ij})} = \frac{223.5 + 177.3 + \ldots + 282.8 + 200.0}{766.3 + 620.8 + \ldots + 233.2 + 182.3} = \frac{3,183}{5,100} = 0.6$$

Where:
- O = observed PYLL;
- E = expected PYLL;
- d_{ij} = observed deaths in age group i and gender j;
- e_{ij} = expected deaths in age group i and gender j;
- Y_{ij} = age at midpoint of age group i and gender j;
- p_{ij} = LHA population for age group i and gender j;
- P_{ij} = provincial population for age group i and gender j;
- D_{ij} = provincial deaths for age group i and gender j.

1) Observed PYLL (O)

The number of potential years of life lost (PYLL) based on the number and age at death of deaths that occurred in the LHA. For example, for age group under one year of age and gender j, the observed PYLL are:
Observed PYLL = deaths × age factor = $d_{ij}(75\text{-}Y_{ij}) = 3 \times 74.5 = 223.5$

2) Expected PYLL (E)

The number of potential years of life lost (PYLL) expected for residents of the LHA based on the PYLL from the expected deaths in the age group. For example, for age group under one year of age and gender j, the expected PYLL are:

$$\text{Expected PYLL} = \text{expected deaths} \times \text{age factor} = e_{ij}(75 - Y_{ij}) = \frac{D_{ij}}{P_{ij}} \times p_{ij} \times (75 - Y_{ij})$$

$$= \frac{328}{42,700} \times 1,339 \times 74.5 = 766.3$$

- **Standardized Mortality Ratio (SMR):**

Age Group (i)	Gender (j)	LHA Estimated Population (p_{ij})	LHA Death Rate/1,000 (m_{ij})	LHA Observed Deaths (d_{ij})	LHA Expected Deaths (e_{ij})	British Columbia Estimated Population (P_{ij})	British Columbia Death Rate/1,000 (M_{ij})	British Columbia Observed Deaths (D_{ij})
<1	M	1,339	2.2	3	10.3	42,700	7.7	328
<1	F	1,301	1.8	2	8.3	40,600	6.4	260
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
85 +	M	1,198	70.1	84	87.2	48,100	72.8	3,502
85 +	F	908	159.7	145	138.8	34,500	152.8	5,272
TOTAL		81,016		561	595.1	3,131,700		23,389

Note that this method is both age and gender standardized.
For the Local Health Area:

$$SMR = \frac{\sum d_{ij}}{\sum e_{ij}} = \frac{3 + 2 + \ldots + 110 + 145}{10.3 + 8.3 + \ldots + 92.6 + 138.8} = \frac{561}{595.1} = 0.9$$

Where:
- d_{ij} = observed deaths in age group i and gender j; and
- e_{ij} = expected deaths in age group i and gender j.

1) Observed Deaths (d)

The actual number of deaths that occurred in the LHA. For example, for age group under one year of age and gender j, the observed deaths are three.

For the Local Health Area:

$$PYLLI = \frac{O}{E} = \frac{\sum d_{ij} \times (75 - Y_{ij})}{\sum e_{ij} \times (75 - Y_{ij})} = \frac{223.5 + 177.3 + \ldots + 282.8 + 200.0}{766.3 + 620.8 + \ldots + 233.2 + 182.3} = \frac{3,183}{5,100} = 0.6$$

Where:
- O = observed PYLL;
- E = expected PYLL;
- d_{ij} = observed deaths in age group i and gender j;
- e_{ij} = expected deaths in age group i and gender j;
- Y_{ij} = age at midpoint of age group i and gender j;
- p_{ij} = LHA population for age group i and gender j;
- P_{ij} = provincial population for age group i and gender j;
- D_{ij} = provincial deaths for age group i and gender j.

1) Observed PYLL (O)

The number of potential years of life lost (PYLL) based on the number and age at death of deaths that occurred in the LHA. For example, for age group under one year of age and gender j, the observed PYLL are:
Observed PYLL = deaths × age factor = $d_{ij}(75\text{-}Y_{ij}) = 3 \times 74.5 = 223.5$

2) Expected PYLL (E)

The number of potential years of life lost (PYLL) expected for residents of the LHA based on the PYLL from the expected deaths in the age group. For example, for age group under one year of age and gender j, the expected PYLL are:

$$\text{Expected PYLL} = \text{expected deaths} \times \text{age factor} = e_{ij}(75 - Y_{ij}) = \frac{D_{ij}}{P_{ij}} \times p_{ij} \times (75 - Y_{ij})$$

$$= \frac{328}{42,700} \times 1,339 \times 74.5 = 766.3$$

- **Standardized Mortality Ratio (SMR):**

Age Group (i)	Gender (j)	LHA Estimated Population (p_{ij})	LHA Death Rate/1,000 (m_{ij})	LHA Observed Deaths (d_{ij})	LHA Expected Deaths (e_{ij})	British Columbia Estimated Population (P_{ij})	British Columbia Death Rate/1,000 (M_{ij})	British Columbia Observed Deaths (D_{ij})
<1	M	1,339	2.2	3	10.3	42,700	7.7	329
<1	F	1,301	1.8	2	8.3	40,600	6.4	260
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
.	.	.	.	.	.	.	.	.
85 +	M	1,198	70.1	84	67.2	46,100	72.9	3,502
85 +	F	908	159.7	145	138.8	34,900	152.8	5,272
TOTAL		81,016		561	595.1	3,131,700		23,389

Note that this method is both age and gender standardized.
For the Local Health Area:

$$SMR = \frac{\sum d_{ij}}{\sum e_{ij}} = \frac{3 + 2 + \ldots + 110 + 145}{10.3 + 8.3 + \ldots + 92.6 + 138.8} = \frac{561}{595.1} = 0.9$$

Where:
- d_{ij} = observed deaths in age group i and gender j; and
- e_{ij} = expected deaths in age group i and gender j.

1) Observed Deaths (d)

The actual number of deaths that occurred in the LHA. For example, for age group under one year of age and gender j, the observed deaths are three.

2) Expected Deaths (e)

The number of deaths expected for residents of the LHA based on the age specific mortality rates for the province as a whole and the population age structure of the LHA. For age group under one year and gender j, the expected deaths are:

$$e_{ij} = \frac{D_{ij}}{P_{ij}} \times p_{ij} = \frac{328}{42{,}700} \times 1{,}339 = 10.3$$

Where: p_{ij} = LHA population for age group i and gender j;
D_{ij} = provincial death for age group i and gender j; and
P_{ij} = provincial population for age group i and gender j.

STATISTICAL TEST

- **P-VALUE**

The p-value is the probability of rejecting the null hypothesis when a specified test procedure is used on a given data set. This probability is the smallest level of significance at which the null hypothesis would be rejected. Once the p-value has been determined, the conclusion at any particular level α results from comparing the p-value to α (e.g., 0.05):

(a) p-value $\leq \alpha \Rightarrow$ reject null hypothesis at level α,

(b) p-value $> \alpha \Rightarrow$ do not reject the null hypothesis at level α,

and we call the data statistically significant when the null hypothesis is rejected and not significant otherwise.

- For rates, such as ASMRs, the test employed to determine statistical significance is a confidence interval. The 95% confidence interval for the difference (D) between a LHA and a provincial rate is defined by the upper and lower limits of the interval as follows:

$$\textit{Lower Limit} = D - 1.96 \sqrt{\frac{R_l^2}{O_l} + \frac{R_p^2}{O_p}}$$

$$\textit{Upper Limit} = D + 1.96 \sqrt{\frac{R_l^2}{O_l} + \frac{R_p^2}{O_p}}$$

Where: R_l = Rate for LHA *l*;
R_p = Rate for the province;
O_l = Observed number for LHA *l*; and
O_p = Observed number for the province.

If the Lower Limit > 0, then R_l is statistically significantly higher than R_p;
if the Upper Limit < 0, then R_l is statistically significantly lower than R_p; otherwise,
there is no statistically significant difference.

- For ratios, such as SMRs, a Chi-square ($\chi 2$) test is applied to determine whether the observed number of cases is statistically significantly different from the expected number. For LHA *l*:

$$\chi_l^2 = \frac{(O_l - E_l)^2}{E_l}$$

(with one degree of freedom).

Where: O_l = Observed number for LHA *l*; and
E_l = Expected number for LHA *l*.

If $\chi_l^2 > 3.84$, the ratio is statistically significant at 5% significance level.

- For SMR values, the Chi-square statistic that is applied is:

$$\chi_l^2 = 9\hat{O}_l(1 - \frac{1}{9\hat{O}_l} - (\frac{E_l}{\hat{O}_l})^{1/3})^2$$

Where: $\hat{O}_l = O_l$ *if* $O_l > E_l$; *otherwise*
$\hat{O}_l = O_l + 1$.

STILLBIRTH

The *Vital Statistics Act* defines a stillbirth as "The complete expulsion or extraction from its mother after at least 20 weeks of pregnancy, or after attaining a weight of at least 500 grams, of a product of conception in which, after the expulsion or extraction, there is no breathing, beating of the heart, pulsation of the umbilical cord, or unmistakable movement of voluntary muscle."

The definition of a stillbirth has changed over the years. From July 1, 1962 until January 1, 1986, the definition of a stillbirth did not include the phrase "or after attaining a weight of at least 500 grams." From 1950 until July 1, 1962, the definition of a stillbirth was: the birth of a viable fetus after at least 28 weeks pregnancy in which pulmonary respiration does not occur, whether death occurs before, during, or after birth.

STILLBIRTH RATE

(See **Crude Rates.**)

TEENAGE MOTHERS

Mothers less than 20 years of age.

TERM

(See **Gestational Age.**)

TFR

(See **Total Fertility Rate.**)

TOTAL BIRTHS

The number of live births plus stillbirths.

TOTAL FERTILITY RATE (TFR)

The rate is calculated by summing all of the age-specific birth rates multiplied by the number of years by which the age-specific birth rates are grouped (this assumes the same number of women in each age group). "The total fertility rate indicates the number of births that a group of 1,000 women would have if they experienced, during their childbearing years (i.e., age 15 to 44 years), the age-specific birth rates observed in a given calendar year. It is a hypothetical measure that shows the implications of current levels of fertility by age for completed family size." (National Center for Health Statistics. Supplements to the monthly vital statistics report: advance reports, 1987. National Center for Health Statistics. Vital Health Stat 24 (4) p. 5. 1990.)

(See **Statistical Computation** for an example.)

TOTAL PYLL

The total number of potential years of life lost prior to an established cut-off point of 75 years.

VERY LOW BIRTH WEIGHT

A birth weight of less than 1,500 grams.

UCOD

(See **Underlying Cause of Death.**)

UNDERLYING CAUSE OF DEATH (UCOD)

The World Health Organization defines the underlying cause of death as "(a) the disease of injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury."

VACUUM

(See **Mode of Delivery.**)

VERTEX

(See **Mode of Delivery.**)

VITAL STATISTICS INFORMATION BOX

Selected Maternal Complications of Pregnancy and Delivery

For more than a decade, the *Annual Report* of the B.C. Vital Statistics Agency has included a table providing information on maternal complications of pregnancy and delivery. With the introduction of the tenth revision of the International Classification of Diseases (ICD-10) in 2000, more specific codes are available than in earlier versions. As a result, additional categories of maternal complications were used in Table 17 Selected Maternal Complications of Pregnancy and Delivery in Live Births by Age of Mother. The table below shows the ICD-9 and ICD-10 codes used for each category.

Maternal Complications	ICD-9 Code(s)	ICD-10 Code(s)
Antepartum or intrapartum hemorrhage	640–641	O20, O44.1, O45–O46, O67
Hypertension/eclampsia	642	O10–O11, O13–O16
Early or threatened labour	644	O60
Prolonged pregnancy	645	O48
Hyperemesis gravidarum	643	O21
Infective and parasitic conditions	646.6, 647, 670, 675	O23, O26.4, O75.2–O75.3, O85–O86, O91, O98
Diabetes in pregnancy**	648.0, 648.8	O24
Malposition and malpresentation	652	O32, O64
Disproportion	653	O33, O65
Abnormality of pelvic organs and structures	654.0–654.1, 654.3–654.9	O34
Obstructed labour	660	O66
Abnormality of forces of labour	661	O62
Vaginal birth after previous cesarean section	654.2	O75.7
Maternal care for fetal abnormality or damage	655–656	O35–O36
Other problems of amniotic cavity or membranes	657–658, 667	O40–O44.0, O73, O75.5–O75.6
Umbilical cord complications	663	O69
Prolonged labour	662	O63
Obstetrical trauma	664–665	O70–O71
Postpartum hemorrhage	666	O72, O74
Multiple gestation and related complications	651	O30, O31*
Assisted or surgical delivery, no indication given	669.5, 669.7	O81, O82–O83*, O84.1–O84.8*
Elderly primigravida	659.5	Z35.5
Maternal complications of anaesthesia	668	O74, O89
Maternal venous complications	671	O22, O87
Other maternal complications of pregnancy, labour or delivery and puerperium**	646.0–646.5, 646.7–656.9, 648.1–648.7, 648.9, 659.0–659.4, 659.8–659.9, 669.0–669.4, 669.6, 669.8–669.9, 672–674, 676	O12, O25–O26.3, O26.5–O26.9, O47, O61, O68, O75.0–O75.1, O75.4, O75.8–O75.9, O88, O90, O92, O95–O97, O99
All selected maternal complications	**640–648, 652–676**	**O10–O26, O30–O75, O81–O83, O84.1–O84.8, O85–O99, Z35.5**

Note: *ICD-10 codes with no ICD-9 equivalent.
**ICD-9 code 648.9 is no longer included in the "Diabetes in pregnancy" category.
ICD-9 codes 630–639 and ICD-10 codes O00–O08 are not included due to the abortive outcome of these conditions.

References

List of Reports and Publications, 2001 and 2002 to Date

The Vital Statistics Agency continues to be actively involved in the preparation of various reports that present and analyze British Columbia's vital event data. The following is a list of the most recent publications by the Agency:

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors (produced for the First Nations and Inuit Health Branch, Health Canada). *Regional Analysis of Health Statistics for Status Indians in British Columbia, 1991–1999, Birth Related and Mortality Summaries, British Columbia and Health Regions.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Selected Vital Statistics and Health Status Indicators: One Hundred Twenty-Ninth Annual Report 2000.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Health Status Registry Report, Congenital Anomalies, Genetic Defects, Selected Disabilities, British Columbia to 1998.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Pregnancy Counts and Rates by Age Groups by Health Region, British Columbia, 1990/1991 to 1998/1999.*

British Columbia Vital Statistics Agency, Ministry of Health and Ministry Responsible for Seniors. *Status Indian Pregnancy Counts and Rates by Age Groups by Health Region, British Columbia, 1991–1999.*

Foster, L.T. Shinto, M., and Wei, W. "The Use of Vital Statistics Data by a Social Policy Ministry – Revisited," *Quarterly Digest*, 11 (1), September, 2001

Kashaninia, Z., Marquette, M., and Fricke, S. "Amyotrophic Lateral Sclerosis (ALS or Lou Gehrig's Disease) Deaths in British Columbia to year 2000," *Quarterly Digest*, 11 (2), October, 2001.

Kashaninia, Z. "Accidental Falls Mortality in British Columbia, 1990–2000," *Quarterly Digest*, 11 (3 & 4), May, 2002.

Macdonald, J. and Armour, R. "The Impact of ID-10 in Identifying, Coding, and UCOD Selection of Cancer(s) on Death Records," *Quarterly Digest*, 10 (4), July 2001.

Internet Sources of Vital Statistics Information

The Agency's Information and Resource Management branch web pages (http://www.vs.gov.bc.ca/) include copies of recent annual reports, quarterly reports (*Quarterly Digest* tables and articles), health status indicators, popular baby names, and feature reports including the *Analysis of Status Indians in British Columbia*. Copies of most reports can be downloaded from the Portable Document Files pages.

Vital statistics mortality data are also available on the Health Data Warehouse, Ministry of Health Services (http://www.hdw.moh.hnet.bc.ca/). Access to this Ministry intranet site is limited to authorized users.

BC STATS (http://www.bcstats.gov.bc.ca/data/pop/popstart.htm) presents statistics derived from census. BC STATS produces all the population estimates used in Agency reports; population estimates and other statistics can be downloaded from their website.

Appendix 1

Statistical Summaries by Health Authority, Health Service Delivery Area, Local Health Area, and Community, British Columbia, 2001

Preamble to Appendix 1

British Columbia is a large, geographically diverse province. The majority of the population is concentrated in the southwestern corner of the province, with the majority of the remaining population concentrated in the major cities of Kelowna, Kamloops, Prince George, and Nanaimo, or along the border with the United States. Large areas of the province are sparsely populated. Health care services tend to be concentrated in the areas of greater population, especially in the metropolitan areas of Vancouver and Victoria.

Appendix 1 provides summary details of the 2001 vital statistics for Health Authorities (HA), Health Service Delivery Areas (HSDA), Local Health Areas (LHA), and incorporated communities. The LHAs are the lowest level of geographic data aggregation; they are the building blocks upon which HSDA and HA information is aggregated. Information presented in this appendix includes the number of live births, stillbirths, and deaths by gender, and the number of marriages. Live births and stillbirths are assigned to the geographic areas based on usual residence of the mother. Deaths are assigned to geographic areas based on the usual residence of the decedent. Marriages are assigned to geographic areas based on the place where the marriage ceremony was performed, and include non-residents.

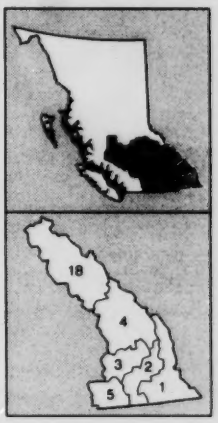
Population estimates, and life expectancy at birth (1997–2001) were obtained from BC STATS, Ministry of Management Services.

APPENDIX 1

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 11 EAST KOOTENAY									
LHA 001 Fernie		M	9,243	64	48		–	35.7	79.0
		F	8,582	58	28		–	36.1	83.6
		T	17,825	122	76	93	–	35.9	81.1
Elkford	DM	M		11	4		–		
		F		16	2		–		
		T	2,877	27	6	8	–		
Fernie	C	M		19	29		–		
		F		12	18		–		
		T	5,511	31	47	55	–		
Sparwood	DM	M		21	9		–		
		F		19	3		–		
		T	4,232	40	12	13	–		
LHA 002 Cranbrook		M	13,113	124	94		–	36.5	77.8
		F	13,199	110	84		1	37.8	80.9
		T	26,312	234	178	124	1	37.2	79.4
Cranbrook	C	M		105	83		–		
		F		94	70		1		
		T	19,907	199	153	75	1		
LHA 003 Kimberley		M	4,576	27	32		–	40.5	77.5
		F	4,555	26	43		–	42.5	83.0
		T	9,131	53	75	51	–	41.5	80.1
Kimberley	C	M		22	26		–		
		F		23	38		–		
		T	7,057	45	64	39	–		
LHA 004 Windermere		M	5,293	31	26		–	36.8	78.4
		F	5,083	31	9		–	37.8	90.1
		T	10,376	62	35	94	–	37.3	82.8
Invermere	DM	M		10	14		–		
		F		16	9		–		
		T	2,965	26	23	25	–		
Radium Hot Springs	VL	M		4	2		–		
		F		1	–		–		
		T	705	5	2	9	–		
LHA 005 Creston		M	6,499	66	71		–	40.9	77.4
		F	6,671	63	61		–	42.6	82.1
		T	13,170	129	132	57	–	41.7	79.7
Creston	T	M		23	40		–		
		F		18	48		–		
		T	5,082	41	88	33	–		
LHA 018 Golden		M	4,175	39	26		–	35.0	77.7
		F	3,896	32	14		–	34.8	81.9
		T	8,071	71	42	69	–	34.9	79.7
Golden	T	M		32	23		–		
		F		22	11		–		
		T	4,288	54	34	30	–		
TOTAL		M	42,899	361	299		–	37.3	78.0
		F	41,986	350	299		1	38.5	82.5
		T	84,885	671	598	468	1	37.9	80.2

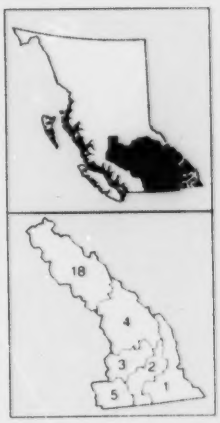


APPENDIX 1

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 11 EAST KOOTENAY									
LHA 001 Fernie		**M**	**9,243**	**64**	**48**		**–**	**35.7**	**79.0**
		F	**8,582**	**58**	**28**		**–**	**36.1**	**83.6**
		T	**17,825**	**122**	**76**	**93**	**–**	**35.9**	**81.1**
Elkford	DM	M		11	4		–		
		F		16	2		–		
		T	2,877	27	6	8	–		
Fernie	C	M		19	29		–		
		F		12	18		–		
		T	5,511	31	47	55	–		
Sparwood	DM	M		21	9		–		
		F		19	3		–		
		T	4,232	40	12	13	–		
LHA 002 Cranbrook		**M**	**13,113**	**124**	**94**		**–**	**36.5**	**77.8**
		F	**13,199**	**110**	**84**		**1**	**37.8**	**80.9**
		T	**26,312**	**234**	**178**	**124**	**1**	**37.2**	**79.4**
Cranbrook	C	M		105	83		–		
		F		94	70		1		
		T	19,907	199	153	75	1		
LHA 003 Kimberley		**M**	**4,576**	**27**	**32**		**–**	**40.5**	**77.5**
		F	**4,555**	**26**	**43**		**–**	**42.5**	**83.0**
		T	**9,131**	**53**	**75**	**51**	**–**	**41.5**	**80.1**
Kimberley	C	M		22	26		–		
		F		23	38		–		
		T	7,057	45	64	39	–		
LHA 004 Windermere		**M**	**5,293**	**31**	**26**		**–**	**36.8**	**78.4**
		F	**5,083**	**31**	**9**		**–**	**37.8**	**90.1**
		T	**10,376**	**62**	**35**	**94**	**–**	**37.3**	**82.8**
Invermere	DM	M		10	14		–		
		F		16	9		–		
		T	2,965	26	23	25	–		
Radium Hot Springs	VL	M		4	2		–		
		F		1	–		–		
		T	705	5	2	9	–		
LHA 005 Creston		**M**	**6,499**	**66**	**71**		**–**	**40.9**	**77.4**
		F	**6,671**	**63**	**61**		**–**	**42.6**	**82.1**
		T	**13,170**	**129**	**132**	**57**	**–**	**41.7**	**79.7**
Creston	T	M		23	40		–		
		F		18	48		–		
		T	5,082	41	88	33	–		
LHA 018 Golden		**M**	**4,175**	**39**	**28**		**–**	**35.0**	**77.7**
		F	**3,896**	**32**	**14**		**–**	**34.8**	**81.9**
		T	**8,071**	**71**	**42**	**69**	**–**	**34.9**	**79.7**
Golden	T	M		32	23		–		
		F		22	11		–		
		T	4,288	54	34	30	–		
TOTAL		**M**	**42,899**	**351**	**299**		**–**	**37.3**	**78.0**
		F	**41,986**	**320**	**239**		**1**	**38.5**	**82.5**
		T	**84,885**	**671**	**538**	**488**	**1**	**37.9**	**80.2**

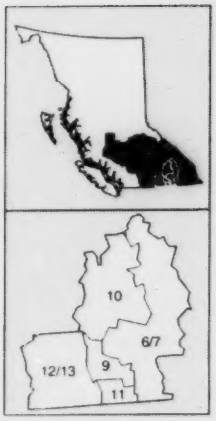


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type[1]	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 12 KOOTENAY BOUNDARY									
LHA 006 Kootenay Lake		**M**	**1,983**	**19**	**17**		**1**	**39.6**	**72.9**
		F	**1,907**	**18**	**14**		**–**	**40.7**	**89.8**
		T	**3,890**	**37**	**31**	**37**	**1**	**40.2**	**79.6**
Kaslo	VL	M		8	10		–		
		F		13	9		–		
		T	1,092	21	19	22	–		
LHA 007 Nelson		**M**	**12,838**	**107**	**96**		**1**	**37.7**	**77.1**
		F	**12,947**	**103**	**87**		**–**	**39.1**	**82.1**
		T	**25,785**	**210**	**183**	**136**	**1**	**38.4**	**79.6**
Nelson	C	M		42	51		–		
		F		41	48		–		
		T	9,853	83	99	75	–		
Salmo	VL	M		8	8		–		
		F		5	9		–		
		T	1,238	13	17	10	–		
Slocan	VL	M		4	2		–		
		F		2	1		–		
		T	336	6	3	2	–		
LHA 009 Castlegar		**M**	**6,940**	**51**	**58**		**–**	**38.1**	**75.8**
		F	**6,923**	**54**	**53**		**1**	**39.3**	**82.2**
		T	**13,863**	**105**	**111**	**45**	**1**	**38.7**	**78.9**
Castlegar	C	M		29	36		–		
		F		34	36		1		
		T	7,427	63	72	25	1		
LHA 010 Arrow Lakes		**M**	**2,778**	**22**	**15**		**–**	**39.3**	**76.6**
		F	**2,629**	**25**	**25**		**–**	**41.3**	**79.1**
		T	**5,407**	**47**	**40**	**28**	**–**	**40.3**	**77.9**
Nakusp	VL	M		14	8		–		
		F		21	14		–		
		T	1,796	35	22	16	–		
New Denver	VL	M		5	2		–		
		F		3	7		–		
		T	609	8	9	4	–		
Silverton	VL	M		–	2		–		
		F		1	2		–		
		T	252	1	4	2	–		
LHA 011 Trail		**M**	**10,040**	**73**	**114**		**1**	**39.6**	**75.7**
		F	**10,515**	**77**	**92**		**1**	**41.7**	**81.5**
		T	**20,555**	**150**	**206**	**79**	**2**	**40.7**	**78.7**
Fruitvale	VL	M		15	7		1		
		F		8	7		–		
		T	2,123	23	14	17	1		
Montrose	VL	M		8	6		–		
		F		4	4		–		
		T	1,153	12	10	2	–		
Rossland	C	M		21	23		–		
		F		19	17		–		
		T	3,811	40	40	12	–		
Trail	C	M		21	67		–		
		F		32	58		1		
		T	7,515	53	125	42	1		
Warfield	VL	M		6	5		–		
		F		10	3		–		
		T	1,755	16	8	4	–		

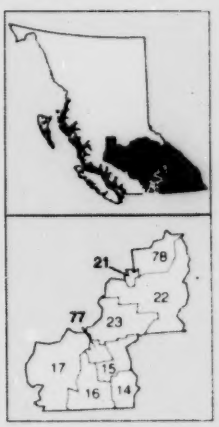


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 012 Grand Forks		**M**	**4,715**	**37**	**66**		**–**	**41.5**	**77.0**
		F	**4,621**	**33**	**40**		**–**	**43.1**	**81.9**
		T	**9,336**	**70**	**106**	**39**	**–**	**42.3**	**79.4**
Grand Forks	C	M		31	57		–		
		F		24	38		–		
		T	4,292	55	95	28	–		
LHA 013 Kettle Valley		**M**	**2,049**	**14**	**20**		**–**	**40.1**	**78.1**
		F	**1,851**	**11**	**9**		**–**	**40.4**	**93.3**
		T	**3,900**	**25**	**29**	**10**	**–**	**40.3**	**82.6**
Greenwood	C	M		4	8		–		
		F		1	5		–		
		T	746	5	13	3	–		
Midway	VL	M		4	5		–		
		F		1	1		–		
		T	678	5	6	–	–		
TOTAL		**M**	**41,343**	**323**	**386**		**3**	**39.0**	**76.3**
		F	**41,393**	**321**	**320**		**2**	**40.5**	**81.9**
		T	**82,736**	**644**	**706**	**374**	**5**	**39.8**	**79.1**
HSDA 13 OKANAGAN									
LHA 014 Southern Okanagan		**M**	**9,181**	**69**	**131**		**–**	**45.8**	**77.5**
		F	**9,566**	**72**	**95**		**–**	**46.8**	**82.4**
		T	**18,747**	**141**	**226**	**108**	**–**	**46.3**	**79.8**
Oliver	T	M		39	74		–		
		F		42	58		–		
		T	4,335	81	132	46	–		
Osoyoos	T	M		18	39		–		
		F		20	30		–		
		T	4,541	38	69	37	–		
LHA 015 Penticton		**M**	**19,300**	**156**	**242**		**1**	**41.9**	**78.0**
		F	**20,972**	**134**	**211**		**1**	**44.4**	**82.9**
		T	**40,272**	**290**	**453**	**198**	**2**	**43.2**	**80.5**
Penticton	C	M		139	222		1		
		F		119	203		1		
		T	32,513	258	425	167	2		
LHA 016 Keremeos		**M**	**2,405**	**25**	**29**		**–**	**45.3**	**73.1**
		F	**2,352**	**17**	**28**		**–**	**44.5**	**84.0**
		T	**4,757**	**42**	**57**	**16**	**–**	**44.9**	**77.8**
Keremeos	VL	M		14	23		–		
		F		12	18		–		
		T	1,173	26	41	12	–		
LHA 017 Princeton		**M**	**2,809**	**18**	**27**		**–**	**41.1**	**75.3**
		F	**2,704**	**11**	**16**		**–**	**41.6**	**78.9**
		T	**5,513**	**29**	**43**	**29**	**–**	**41.3**	**76.9**
Princeton	T	M		17	26		–		
		F		11	15		–		
		T	2,908	28	41	22	–		
LHA 021 Armstrong–Spallumcheen		**M**	**4,963**	**50**	**38**		**1**	**37.8**	**76.7**
		F	**5,078**	**35**	**33**		**–**	**39.2**	**82.7**
		T	**10,041**	**85**	**71**	**19**	**1**	**38.5**	**79.6**
Armstrong/ Spallumcheen	C/DM	M		50	38		1		
		F		35	33		–		
		T	10,041	85	71	19	1		

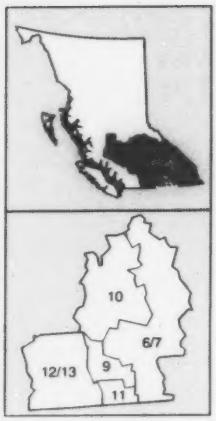


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 12 KOOTENAY BOUNDARY									
LHA 006 Kootenay Lake		M	1,983	19	17		1	39.6	72.9
		F	1,907	18	14		–	40.7	89.8
		T	3,890	37	31	37	1	40.2	79.6
Kaslo	VL	M		8	10		–		
		F		13	9		–		
		T	1,092	21	19	22	–		
LHA 007 Nelson		M	12,838	107	96		1	37.7	77.1
		F	12,947	103	87		–	39.1	82.1
		T	25,785	210	183	136	1	38.4	79.6
Nelson	C	M		42	51		–		
		F		41	48		–		
		T	9,853	83	99	75	–		
Salmo	VL	M		8	8		–		
		F		5	9		–		
		T	1,238	13	17	10	–		
Slocan	VL	M		4	2		–		
		F		2	1		–		
		T	336	6	3	2	–		
LHA 009 Castlegar		M	6,940	51	58		–	38.1	75.8
		F	6,923	54	53		1	39.3	82.2
		T	13,863	105	111	45	1	38.7	78.9
Castlegar	C	M		29	36		–		
		F		34	36		1		
		T	7,427	63	72	25	1		
LHA 010 Arrow Lakes		M	2,778	22	15		–	39.3	76.6
		F	2,629	25	25		–	41.3	79.1
		T	5,407	47	40	28	–	40.3	77.9
Nakusp	VL	M		14	8		–		
		F		21	14		–		
		T	1,796	35	22	16	–		
New Denver	VL	M		5	2		–		
		F		3	7		–		
		T	609	8	9	4	–		
Silverton	VL	M		–	2		–		
		F		1	2		–		
		T	252	1	4	2	–		
LHA 011 Trail		M	10,040	73	114		1	39.6	75.7
		F	10,515	77	92		1	41.7	81.5
		T	20,555	150	206	79	2	40.7	78.7
Fruitvale	VL	M		15	7		1		
		F		8	7		–		
		T	2,123	23	14	17	1		
Montrose	VL	M		8	6		–		
		F		4	4		–		
		T	1,153	12	10	2	–		
Rossland	C	M		21	23		–		
		F		19	17		–		
		T	3,811	40	40	12	–		
Trail	C	M		21	67		–		
		F		32	58		1		
		T	7,515	53	125	42	1		
Warfield	VL	M		6	5		–		
		F		10	3		–		
		T	1,755	16	8	4	–		



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 012 Grand Forks		**M**	**4,715**	**37**	**66**		**–**	**41.5**	**77.0**
		F	**4,621**	**33**	**40**		**–**	**43.1**	**81.9**
		T	**9,336**	**70**	**106**	**39**	**–**	**42.3**	**79.4**
Grand Forks	C	M		31	57		–		
		F		24	38		–		
		T	4,292	55	95	28	–		
LHA 013 Kettle Valley		**M**	**2,049**	**14**	**20**		**–**	**40.1**	**78.1**
		F	**1,851**	**11**	**9**		**–**	**40.4**	**93.3**
		T	**3,900**	**25**	**29**	**10**	**–**	**40.3**	**82.6**
Greenwood	C	M		4	8		–		
		F		1	5		–		
		T	746	5	13	3	–		
Midway	VL	M		4	5		–		
		F		1	1		–		
		T	678	5	6	–	–		
TOTAL		**M**	**41,243**	**323**	**386**		**3**	**39.0**	**76.3**
		F	**41,393**	**321**	**320**		**2**	**40.5**	**81.9**
		T	**82,736**	**644**	**706**	**374**	**5**	**39.8**	**79.1**

HSDA 13 OKANAGAN

LHA 014 Southern Okanagan		**M**	**9,181**	**69**	**131**		**–**	**45.8**	**77.5**
		F	**9,566**	**72**	**95**		**–**	**46.8**	**82.4**
		T	**18,747**	**141**	**226**	**108**	**–**	**46.3**	**79.8**
Oliver	T	M		39	74		–		
		F		42	58		–		
		T	4,335	81	132	46	–		
Osoyoos	T	M		18	39		–		
		F		20	30		–		
		T	4,541	38	69	37	–		
LHA 015 Penticton		**M**	**19,300**	**156**	**242**		**1**	**41.9**	**78.0**
		F	**20,972**	**134**	**211**		**1**	**44.4**	**82.9**
		T	**40,272**	**290**	**453**	**198**	**2**	**43.2**	**80.5**
Penticton	C	M		139	222		1		
		F		119	203		1		
		T	32,513	258	425	167	2		
LHA 016 Keremeos		**M**	**2,405**	**25**	**29**		**–**	**45.3**	**73.1**
		F	**2,352**	**17**	**28**		**–**	**44.5**	**84.0**
		T	**4,757**	**42**	**57**	**16**	**–**	**44.9**	**77.8**
Keremeos	VL	M		14	23		–		
		F		12	18		–		
		T	1,173	26	41	12	–		
LHA 017 Princeton		**M**	**2,809**	**18**	**27**		**–**	**41.1**	**75.3**
		F	**2,704**	**11**	**16**		**–**	**41.6**	**78.9**
		T	**5,513**	**29**	**43**	**29**	**–**	**41.3**	**76.9**
Princeton	T	M		17	26		–		
		F		11	15		–		
		T	2,908	28	41	22	–		
LHA 021 Armstrong–Spallumcheen		**M**	**4,963**	**50**	**38**		**1**	**37.8**	**76.7**
		F	**5,078**	**35**	**33**		**–**	**39.2**	**82.7**
		T	**10,041**	**85**	**71**	**19**	**1**	**38.5**	**79.6**
Armstrong/ Spallumcheen	C/DM	M		50	38		1		
		F		35	33		–		
		T	10,041	85	71	19	1		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

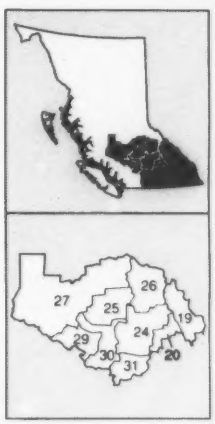
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 022 Vernon		**M**	**20,543**	**204**	**263**		**2**	**38.7**	**77.1**
		F	**30,844**	**251**	**226**		**–**	**41.0**	**82.3**
		T	**60,467**	**385**	**519**	**315**	**2**	**39.9**	**79.7**
Coldstream	DM	M		33	22		–		
		F		35	20		–		
		T	9,710	68	42	57	–		
Lumby	VL	M		21	19		–		
		F		27	9		–		
		T	1,784	48	28	19	–		
Vernon	C	M		186	208		2		
		F		179	194		–		
		T	34,790	365	402	191	2		
LHA 023 Central Okanagan		**M**	**75,677**	**728**	**621**		**5**	**39.1**	**79.0**
		F	**79,228**	**633**	**599**		**2**	**41.1**	**83.9**
		T	**154,905**	**1,361**	**1,220**	**784**	**7**	**40.1**	**81.5**
Kelowna	C	M		498	431		4		
		F		436	454		1		
		T	99,724	934	885	611	5		
Lake Country	DM	M		48	29		–		
		F		36	24		1		
		T	9,587	84	53	46	1		
Peachland	DM	M		20	35		–		
		F		12	15		–		
		T	4,919	32	50	29	–		
LHA 077 Summerland		**M**	**5,498**	**34**	**72**		**–**	**43.4**	**77.9**
		F	**5,941**	**37**	**73**		**1**	**45.3**	**80.9**
		T	**11,439**	**71**	**145**	**75**	**1**	**44.4**	**79.5**
Summerland	DM	M		34	72		–		
		F		37	73		1		
		T	10,852	71	145	75	1		
LHA 078 Enderby		**M**	**3,916**	**31**	**44**		**–**	**38.5**	**73.9**
		F	**3,918**	**35**	**34**		**1**	**39.9**	**81.7**
		T	**7,834**	**66**	**78**	**27**	**1**	**39.2**	**77.5**
Enderby	C	M		23	39		–		
		F		31	32		1		
		T	2,904	54	71	23	1		
TOTAL		**M**	**153,382**	**1,396**	**1,487**		**9**	**40.0**	**78.0**
		F	**160,603**	**1,255**	**1,325**		**5**	**42.0**	**83.0**
		T	**313,985**	**2,650**	**2,812**	**1,571**	**14**	**41.0**	**80.5**
HSDA 14 THOMPSON CARIBOO									
LHA 019 Revelstoke		**M**	**4,448**	**41**	**22**		**2**	**36.2**	**74.2**
		F	**4,292**	**45**	**26**		**–**	**36.8**	**81.3**
		T	**8,740**	**86**	**48**	**82**	**2**	**36.5**	**77.6**
Revelstoke	C	M		41	22		2		
		F		45	26		–		
		T	8,220	86	48	52	2		
LHA 020 Salmon Arm		**M**	**16,955**	**115**	**146**		**2**	**40.0**	**77.8**
		F	**17,015**	**104**	**137**		**3**	**42.0**	**83.5**
		T	**33,970**	**219**	**283**	**162**	**5**	**41.0**	**80.5**
Salmon Arm	DM	M		69	71		–		
		F		57	86		2		
		T	16,435	126	157	93	2		

APPENDIX 1 -- *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
Sicamous	DM	M		10	19		2		
		F		11	15		–		
		T	3,161	21	34	21	2		
LHA 024 Kamloops		**M**	**53,783**	**461**	**373**		**3**	**36.8**	**75.9**
		F	**53,964**	**393**	**305**		**2**	**38.1**	**81.4**
		T	**107,747**	**854**	**678**	**543**	**5**	**37.5**	**78.6**
Chase	VL	M		24	28		–		
		F		21	23		–		
		T	2,598	45	51	34	–		
Kamloops	C	M		383	293		3		
		F		330	259		2		
		T	83,457	713	552	446	5		
Logan Lake	DM	M		8	6		–		
		F		2	4		–		
		T	2,467	10	10	11	–		
LHA 025 100 Mile House		**M**	**8,380**	**47**	**60**		**–**	**38.8**	**76.4**
		F	**8,104**	**53**	**35**		**–**	**38.3**	**79.3**
		T	**16,484**	**100**	**95**	**75**	**–**	**38.5**	**77.7**
100 Mile House	DM	M		33	32		–		
		F		37	22		–		
		T	1,994	70	54	46	–		
LHA 026 North Thompson		**M**	**2,802**	**25**	**13**		**–**	**35.4**	**74.8**
		F	**2,649**	**23**	**14**		**–**	**35.1**	**81.6**
		T	**5,451**	**48**	**27**	**33**	**–**	**35.2**	**77.8**
LHA 027 Cariboo–Chilcotin		**M**	**15,267**	**166**	**84**		**–**	**34.3**	**74.9**
		F	**14,344**	**149**	**70**		**–**	**34.5**	**80.0**
		T	**29,611**	**315**	**154**	**129**	**–**	**34.4**	**77.3**
Williams Lake	C	M		78	36		–		
		F		64	46		–		
		T	12,124	142	82	73	–		
LHA 029 Lillooet		**M**	**2,569**	**40**	**22**		**–**	**34.2**	**73.0**
		F	**2,362**	**23**	**9**		**–**	**34.9**	**79.9**
		T	**4,931**	**63**	**31**	**18**	**–**	**34.5**	**76.2**
Lillooet	DM	M		37	16		–		
		F		21	8		–		
		T	2,977	58	24	12	–		
LHA 030 South Cariboo		**M**	**4,137**	**33**	**43**		**–**	**39.1**	**74.7**
		F	**3,868**	**24**	**24**		**–**	**38.3**	**82.2**
		T	**8,005**	**57**	**67**	**37**	**–**	**38.7**	**78.0**
Ashcroft	VL	M		9	20		–		
		F		5	7		–		
		T	1,973	14	27	11	–		
Cache Creek	VL	M		7	9		–		
		F		10	5		–		
		T	1,143	17	14	12	–		
Clinton	VL	M		7	4		–		
		F		3	4		–		
		T	729	10	8	9	–		
Lytton	VL	M		9	7		–		
		F		6	7		–		
		T	317	15	14	4	–		



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

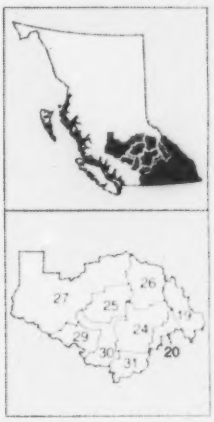
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 022 Vernon		**M**	**29,643**	**284**	**283**		**2**	**38.7**	**77.1**
		F	**30,844**	**281**	**236**		**–**	**41.0**	**82.3**
		T	**60,487**	**565**	**519**	**315**	**2**	**39.9**	**79.7**
Coldstream	DM	M		33	22		–		
		F		35	20		–		
		T	9,710	68	42	57	–		
Lumby	VL	M		21	19		–		
		F		27	9		–		
		T	1,784	48	28	19	–		
Vernon	C	M		186	208		2		
		F		179	194		–		
		T	34,790	365	402	191	2		
LHA 023 Central Okanagan		**M**	**75,677**	**728**	**621**		**5**	**39.1**	**79.0**
		F	**79,228**	**633**	**599**		**2**	**41.1**	**83.9**
		T	**154,905**	**1,361**	**1,220**	**784**	**7**	**40.1**	**81.5**
Kelowna	C	M		498	431		4		
		F		436	454		1		
		T	99,724	934	885	611	5		
Lake Country	DM	M		48	29		–		
		F		36	24		1		
		T	9,587	84	53	46	1		
Peachland	DM	M		20	35		–		
		F		12	15		–		
		T	4,919	32	50	29	–		
LHA 077 Summerland		**M**	**5,498**	**34**	**72**		**–**	**43.4**	**77.9**
		F	**5,941**	**37**	**73**		**1**	**45.3**	**80.9**
		T	**11,439**	**71**	**145**	**75**	**1**	**44.4**	**79.5**
Summerland	DM	M		34	72		–		
		F		37	73		1		
		T	10,852	71	145	75	1		
LHA 078 Enderby		**M**	**3,916**	**31**	**44**		**–**	**38.5**	**73.9**
		F	**3,918**	**35**	**34**		**1**	**39.9**	**81.7**
		T	**7,834**	**66**	**78**	**27**	**1**	**39.2**	**77.5**
Enderby	C	M		23	39		–		
		F		31	32		1		
		T	2,904	54	71	23	1		
TOTAL		**M**	**153,392**	**1,395**	**1,487**		**9**	**40.0**	**78.0**
		F	**160,603**	**1,255**	**1,325**		**5**	**42.0**	**83.0**
		T	**313,995**	**2,650**	**2,812**	**1,571**	**14**	**41.0**	**80.5**
HSDA 14 THOMPSON CARIBOO									
LHA 019 Revelstoke		**M**	**4,448**	**41**	**22**		**2**	**36.2**	**74.2**
		F	**4,292**	**45**	**26**		**–**	**36.8**	**81.3**
		T	**8,740**	**86**	**48**	**52**	**2**	**36.5**	**77.6**
Revelstoke	C	M		41	22		2		
		F		45	26		–		
		T	8,220	86	48	52	2		
LHA 020 Salmon Arm		**M**	**16,955**	**115**	**146**		**2**	**40.0**	**77.8**
		F	**17,015**	**104**	**137**		**3**	**42.0**	**83.5**
		T	**33,970**	**219**	**283**	**162**	**5**	**41.0**	**80.5**
Salmon Arm	DM	M		69	71		–		
		F		57	86		2		
		T	16,435	126	157	93	2		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
Sicamous	DM	M		10	19		2		
		F		11	15		–		
		T	3,161	21	34	21	2		
LHA 024 Kamloops		**M**	**53,783**	**461**	**373**		**3**	**36.8**	**75.9**
		F	**53,964**	**393**	**305**		**2**	**38.1**	**81.4**
		T	**107,747**	**854**	**678**	**543**	**5**	**37.5**	**78.6**
Chase	VL	M		24	28		–		
		F		21	23		–		
		T	2,598	45	51	34	–		
Kamloops	C	M		383	293		3		
		F		330	259		2		
		T	83,457	713	552	446	5		
Logan Lake	DM	M		8	6		–		
		F		2	4		–		
		T	2,467	10	10	11	–		
LHA 025 100 Mile House		**M**	**8,380**	**47**	**60**		**–**	**38.8**	**76.4**
		F	**8,104**	**53**	**35**		**–**	**38.3**	**79.3**
		T	**16,484**	**100**	**95**	**75**	**–**	**38.5**	**77.7**
100 Mile House	DM	M		33	32		–		
		F		37	22		–		
		T	1,994	70	54	46	–		
LHA 026 North Thompson		**M**	**2,802**	**25**	**13**		**–**	**35.4**	**74.8**
		F	**2,649**	**23**	**14**		**–**	**35.1**	**81.6**
		T	**5,451**	**48**	**27**	**33**	**–**	**35.2**	**77.8**
LHA 027 Cariboo–Chilcotin		**M**	**15,267**	**166**	**84**		**–**	**34.3**	**74.9**
		F	**14,344**	**149**	**70**		**–**	**34.5**	**80.0**
		T	**29,611**	**315**	**154**	**129**	**–**	**34.4**	**77.3**
Williams Lake	C	M		78	36		–		
		F		64	46		–		
		T	12,124	142	82	73	–		
LHA 029 Lillooet		**M**	**2,569**	**40**	**22**		**–**	**34.2**	**73.0**
		F	**2,362**	**23**	**9**		**–**	**34.9**	**79.9**
		T	**4,931**	**63**	**31**	**18**	**–**	**34.5**	**76.2**
Lillooet	DM	M		37	16		–		
		F		21	8		–		
		T	2,977	58	24	12	–		
LHA 030 South Cariboo		**M**	**4,137**	**33**	**43**		**–**	**39.1**	**74.7**
		F	**3,868**	**24**	**24**		**–**	**38.3**	**82.2**
		T	**8,005**	**57**	**67**	**37**	**–**	**38.7**	**78.0**
Ashcroft	VL	M		9	20		–		
		F		5	7		–		
		T	1,973	14	27	11	–		
Cache Creek	VL	M		7	9		–		
		F		10	5		–		
		T	1,143	17	14	12	–		
Clinton	VL	M		7	4		–		
		F		3	4		–		
		T	729	10	8	9	–		
Lytton	VL	M		9	7		–		
		F		6	7		–		
		T	317	15	14	4	–		



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type[1]	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 031 Merritt		**M**	**6,214**	**46**	**68**		**1**	**35.1**	**73.0**
		F	**6,027**	**54**	**39**		**–**	**36.1**	**79.3**
		T	**12,241**	**100**	**107**	**65**	**1**	**35.6**	**75.9**
Merritt	C	M		34	58		1		
		F		46	33		–		
		T	8,069	80	91	45	1		
TOTAL		**M**	**114,555**	**974**	**831**		**8**	**37.0**	**75.8**
		F	**112,625**	**868**	**659**		**5**	**38.0**	**81.3**
		T	**227,180**	**1,842**	**1,490**	**1,114**	**13**	**37.5**	**78.4**
HA 01 INTERIOR TOTAL		**M**	**352,189**	**3,043**	**3,003**		**20**	**38.0**	**77.1**
		F	**356,607**	**2,764**	**2,543**		**13**	**39.5**	**82.3**
		T	**708,796**	**5,807**	**5,546**	**3,547**	**33**	**38.8**	**79.7**

HSDA 21 FRASER VALLEY

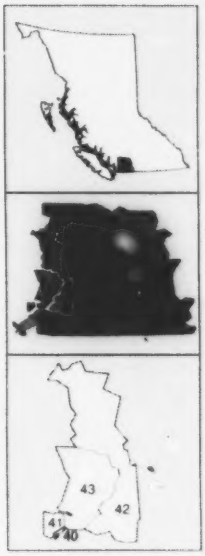
LHA 032 Hope		M	4,219	37	39		–	39.3	71.5
		F	4,200	27	30		–	40.0	80.9
		T	8,419	64	69	38	–	39.7	75.9
Hope	DM	M		30	36		–		
		F		26	26		–		
		T	6,831	56	62	31	–		
LHA 033 Chilliwack		M	35,598	390	310		1	36.7	76.6
		F	36,452	412	287		2	38.7	82.0
		T	72,050	802	597	368	4	37.7	79.3
Chilliwack	C	M		369	285		1		
		F		394	270		2		
		T	65,951	763	555	351	4		
LHA 034 Abbotsford		M	58,397	825	448		4	35.2	77.8
		F	59,032	767	397		4	37.4	82.3
		T	117,429	1,592	845	500	8	36.3	80.1
Abbotsford	C	M		823	444		4		
		F		759	397		4		
		T	116,009	1,582	841	495	8		
LHA 075 Mission		M	19,273	209	134		3	34.8	75.8
		F	18,464	205	103		–	35.8	80.2
		T	37,737	414	237	197	3	35.3	77.9
Mission	DM	M		192	119		3		
		F		181	93		–		
		T	33,217	373	212	179	3		
LHA 076 Agassiz–Harrison		M	4,797	40	38		–	37.1	73.7
		F	3,833	45	36		1	38.3	81.2
		T	8,630	85	74	99	1	37.6	76.9
Harrison Hot Springs	VL	M		5	6		–		
		F		7	3		–		
		T	1,135	12	9	39	–		
Kent	DM	M		35	32		–		
		F		38	33		1		
		T	5,622	73	65	60	1		
TOTAL		**M**	**122,284**	**1,501**	**969**		**8**	**35.8**	**76.7**
		F	**121,981**	**1,456**	**853**		**7**	**37.7**	**81.8**
		T	**244,265**	**2,957**	**1,822**	**1,202**	**16**	**36.7**	**79.3**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 22 SIMON FRASER									
LHA 040 New Westminster		**M**	**26,659**	**347**	**257**		**2**	**38.1**	**74.7**
		F	**27,548**	**292**	**253**		**4**	**41.3**	**81.2**
		T	**54,207**	**639**	**510**	**326**	**6**	**39.7**	**78.1**
New Westminster	C	M		347	257		2		
		F		292	253		4		
		T	54,207	639	510	326	6		
LHA 041 Burnaby		**M**	**95,477**	**1,051**	**704**		**10**	**37.2**	**77.4**
		F	**98,167**	**989**	**703**		**12**	**39.5**	**83.1**
		T	**193,644**	**2,040**	**1,407**	**915**	**23**	**38.4**	**80.3**
Burnaby	C	M		1,051	704		10		
		F		989	703		12		
		T	193,644	2,040	1,407	915	23		
LHA 042 Maple Ridge		**M**	**39,775**	**435**	**239**		**3**	**34.8**	**76.8**
		F	**39,653**	**415**	**245**		**4**	**36.4**	**80.8**
		T	**79,428**	**850**	**484**	**399**	**7**	**35.6**	**78.9**
Maple Ridge	DM	M		352	193		2		
		F		338	219		3		
		T	64,238	690	412	297	5		
Pitt Meadows	DM	M		81	46		1		
		F		75	26		1		
		T	15,022	156	72	102	2		
LHA 043 Coquitlam		**M**	**95,013**	**1,079**	**427**		**6**	**34.7**	**77.9**
		F	**95,475**	**1,068**	**446**		**2**	**36.3**	**82.4**
		T	**190,488**	**2,147**	**873**	**618**	**9**	**35.5**	**80.2**
Anmore	VL	M		4	1		–		
		F		7	–		–		
		T	1,343	11	1	4	–		
Belcarra	VL	M		2	–		–		
		F		7	1		–		
		T	707	9	1	2	–		
Coquitlam	C	M		610	274		4		
		F		574	278		2		
		T	113,498	1,184	552	382	6		
Port Coquitlam	C	M		319	101		2		
		F		322	123		–		
		T	52,094	641	224	143	2		
Port Moody	C	M		144	51		–		
		F		158	44		–		
		T	24,162	302	95	87	1		
TOTAL		**M**	**256,924**	**2,912**	**1,627**		**21**	**36.0**	**77.1**
		F	**260,843**	**2,764**	**1,647**		**22**	**38.1**	**82.4**
		T	**517,767**	**5,676**	**3,274**	**2,258**	**45**	**37.0**	**79.8**

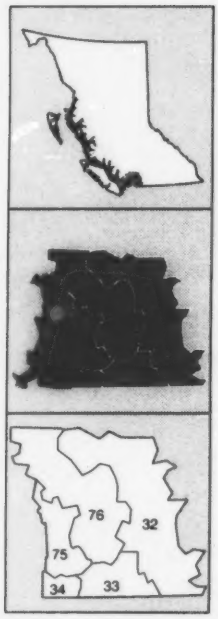


APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 031 Merritt		**M**	**6,214**	**46**	**68**		**1**	**35.1**	**73.0**
		F	**6,027**	**54**	**39**		**–**	**36.1**	**79.3**
		T	**12,241**	**100**	**107**	**65**	**1**	**35.6**	**75.9**
Merritt	C	M		34	58		1		
		F		46	33		–		
		T	8,069	80	91	45	1		
TOTAL		**M**	**114,555**	**974**	**831**		**8**	**37.0**	**75.8**
		F	**112,625**	**868**	**659**		**5**	**38.0**	**81.3**
		T	**227,180**	**1,842**	**1,490**	**1,114**	**13**	**37.5**	**78.4**
HA 01 INTERIOR		**M**	**352,189**	**3,043**	**3,003**		**20**	**38.0**	**77.1**
TOTAL		**F**	**356,607**	**2,764**	**2,543**		**13**	**39.5**	**82.3**
		T	**708,796**	**5,807**	**5,546**	**3,547**	**33**	**38.8**	**79.7**
HSDA 21 FRASER VALLEY									
LHA 032 Hope		**M**	**4,219**	**37**	**39**		**–**	**39.3**	**71.5**
		F	**4,200**	**27**	**30**		**–**	**40.0**	**80.9**
		T	**8,419**	**64**	**69**	**38**	**–**	**39.7**	**75.9**
Hope	DM	M		30	36		–		
		F		26	26		–		
		T	6,831	56	62	31	–		
LHA 033 Chilliwack		**M**	**35,598**	**390**	**310**		**1**	**36.7**	**76.6**
		F	**36,452**	**412**	**287**		**2**	**38.7**	**82.0**
		T	**72,050**	**802**	**597**	**368**	**4**	**37.7**	**79.3**
Chilliwack	C	M		369	285		1		
		F		394	270		2		
		T	65,951	763	555	351	4		
LHA 034 Abbotsford		**M**	**58,397**	**825**	**448**		**4**	**35.2**	**77.8**
		F	**59,032**	**767**	**397**		**4**	**37.4**	**82.3**
		T	**117,429**	**1,592**	**845**	**500**	**8**	**36.3**	**80.1**
Abbotsford	C	M		823	444		4		
		F		759	397		4		
		T	116,009	1,582	841	495	8		
LHA 075 Mission		**M**	**19,273**	**209**	**134**		**3**	**34.8**	**75.8**
		F	**18,464**	**205**	**103**		**–**	**35.8**	**80.2**
		T	**37,737**	**414**	**237**	**197**	**3**	**35.3**	**77.9**
Mission	DM	M		192	119		3		
		F		181	93		–		
		T	33,217	373	212	179	3		
LHA 076 Agassiz–Harrison		**M**	**4,797**	**40**	**38**		**–**	**37.1**	**73.7**
		F	**3,833**	**45**	**36**		**1**	**38.3**	**81.2**
		T	**8,630**	**85**	**74**	**99**	**1**	**37.6**	**76.9**
Harrison Hot Springs	VL	M		5	6		–		
		F		7	3		–		
		T	1,135	12	9	39	–		
Kent	DM	M		35	32		–		
		F		38	33		1		
		T	5,622	73	65	60	1		
TOTAL		**M**	**122,284**	**1,501**	**969**		**8**	**35.8**	**76.7**
		F	**121,981**	**1,456**	**853**		**7**	**37.7**	**81.8**
		T	**244,265**	**2,957**	**1,822**	**1,202**	**16**	**36.7**	**79.3**



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

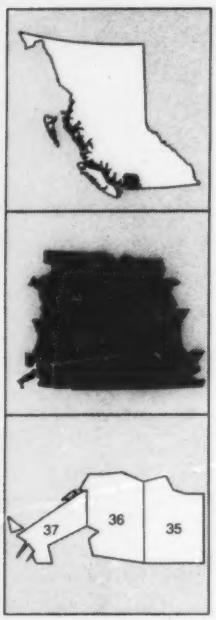
BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 22 SIMON FRASER									
LHA 040 New Westminster		**M**	**26,659**	**347**	**257**		**2**	**38.1**	**74.7**
		F	**27,548**	**292**	**253**		**4**	**41.3**	**81.2**
		T	**54,207**	**639**	**510**	**326**	**6**	**39.7**	**78.1**
New Westminster	C	M		347	257		2		
		F		292	253		4		
		T	54,207	639	510	326	6		
LHA 041 Burnaby		**M**	**95,477**	**1,051**	**704**		**10**	**37.2**	**77.4**
		F	**98,167**	**989**	**703**		**12**	**39.5**	**83.1**
		T	**193,644**	**2,040**	**1,407**	**915**	**23**	**38.4**	**80.3**
Burnaby	C	M		1,051	704		10		
		F		989	703		12		
		T	193,644	2,040	1,407	915	23		
LHA 042 Maple Ridge		**M**	**39,775**	**435**	**239**		**3**	**34.8**	**76.8**
		F	**39,653**	**415**	**245**		**4**	**36.4**	**80.8**
		T	**79,428**	**850**	**484**	**399**	**7**	**35.6**	**78.9**
Maple Ridge	DM	M		352	193		2		
		F		338	219		3		
		T	64,238	690	412	297	5		
Pitt Meadows	DM	M		81	46		1		
		F		75	26		1		
		T	15,022	156	72	102	2		
LHA 043 Coquitlam		**M**	**95,013**	**1,079**	**427**		**6**	**34.7**	**77.9**
		F	**95,475**	**1,068**	**446**		**2**	**36.3**	**82.4**
		T	**190,488**	**2,147**	**873**	**618**	**9**	**35.5**	**80.2**
Anmore	VL	M		4	1		–		
		F		7	–		–		
		T	1,343	11	1	4	–		
Belcarra	VL	M		2	–		–		
		F		7	1		–		
		T	707	9	1	2	–		
Coquitlam	C	M		610	274		4		
		F		574	278		2		
		T	113,498	1,184	552	382	6		
Port Coquitlam	C	M		319	101		2		
		F		322	123		–		
		T	52,094	641	224	143	2		
Port Moody	C	M		144	51		–		
		F		158	44		–		
		T	24,162	302	95	87	1		
TOTAL		**M**	**256,924**	**2,912**	**1,627**		**21**	**36.0**	**77.1**
		F	**260,843**	**2,764**	**1,647**		**22**	**38.1**	**82.4**
		T	**517,767**	**5,676**	**3,274**	**2,258**	**45**	**37.0**	**79.8**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001



Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 23 SOUTH FRASER									
LHA 035 Langley		M	56,937	629	370		3	36.7	78.0
		F	58,166	581	351		3	38.1	82.3
		T	115,103	1,210	721	625	6	37.4	80.1
Langley	C	M		126	94		1		
		F		147	101		1		
		T	24,421	273	195	225	2		
Langley	DM	M		503	271		2		
		F		434	246		2		
		T	90,102	937	517	400	4		
LHA 036 Surrey		M	179,705	2,534	1,176		10	35.9	78.2
		F	181,664	2,308	1,050		8	37.9	83.4
		T	361,369	4,842	2,226	1,483	20	36.9	80.9
Surrey	C	M		2,469	1,036		10		
		F		2,241	856		8		
		T	344,620	4,710	1,892	1,380	20		
White Rock	C	M		65	140		–		
		F		67	194		–		
		T	17,169	132	334	98	–		
LHA 037 Delta		M	50,865	498	260		5	37.1	80.2
		F	51,449	454	286		2	37.7	83.3
		T	102,314	952	546	284	7	37.4	81.8
Delta	DM	M		497	260		5		
		F		451	285		2		
		T	101,743	948	545	283	7		
TOTAL		M	287,507	3,661	1,806		18	36.3	78.5
		F	291,279	3,343	1,687		13	37.9	83.2
		T	578,786	7,004	3,493	2,392	33	37.1	80.9
HA 02 FRASER TOTAL		M	666,715	8,074	4,402		47	35.5	77.7
		F	674,103	7,563	4,187		42	37.4	82.6
		T	1,340,818	15,637	8,589	5,852	94	36.4	80.2
HSDA 31 RICHMOND									
LHA 038 Richmond		M	81,393	801	383		5	36.2	79.2
		F	85,416	810	434		6	38.6	84.1
		T	166,809	1,611	817	940	11	37.4	81.8
Richmond	C	M		801	383		5		
		F		810	434		6		
		T	166,809	1,611	817	940	11		
TOTAL		M	81,393	801	383		5	36.2	79.2
		F	85,416	810	434		6	38.6	84.1
		T	166,809	1,611	817	940	11	37.4	81.8

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

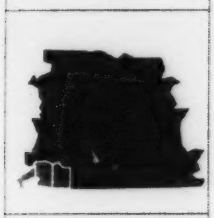
BRITISH COLUMBIA, 2001

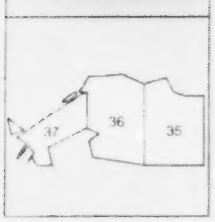
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 32 VANCOUVER									
LHA 161 Vancouver City Centre		M	52,432	354	333		3	37.6	74.6
		F	51,768	382	318		1	38.7	82.5
		T	104,200	736	651	943	4	38.1	78.5
LHA 162 Vancouver Downtown E. Side		M	29,235	207	362		1	39.0	66.8
		F	24,162	228	174		2	39.0	78.0
		T	53,397	435	536	337	3	39.0	71.0
LHA 163 Vancouver North East		M	47,482	584	317		9	36.2	77.8
		F	48,147	551	269		5	38.1	82.8
		T	95,629	1,135	586	534	16	37.1	80.3
LHA 164 Vancouver West Side		M	59,389	535	385		3	36.6	80.2
		F	65,796	520	432		6	39.2	84.4
		T	125,185	1,055	817	1,128	10	38.0	82.6
LHA 165 Vancouver Midtown		M	42,695	546	238		4	35.9	76.0
		F	43,654	479	248		2	37.6	82.6
		T	86,349	1,025	486	319	6	36.8	79.3
LHA 166 Vancouver South		M	58,123	628	381		4	36.9	78.7
		F	62,246	616	393		2	39.5	83.3
		T	120,369	1,244	774	384	6	38.2	81.1
TOTAL		**M**	**289,356**	**2,854**	**2,030**		**24**	**36.9**	**76.1**
		F	**295,773**	**2,776**	**1,837**		**18**	**38.7**	**82.8**
		T	**585,129**	**5,630**	**3,867**	**3,645**	**45**	**37.8**	**79.5**
HSDA 33 NORTH SHORE/COAST GARIBALDI									
LHA 044 North Vancouver		M	63,644	617	343		6	37.4	78.9
		F	67,392	631	446		5	39.4	82.6
		T	131,036	1,248	789	413	12	38.4	80.8
North Vancouver	C	M		215	143		4		
		F		246	182		3		
		T	45,330	461	325	177	7		
North Vancouver	DM	M		395	193		2		
		F		379	261		2		
		T	86,152	774	454	231	5		
LHA 045 West Vancouver–Bowen Is.		M	23,343	138	216		–	42.7	81.1
		F	26,140	158	243		–	45.4	84.7
		T	49,483	296	459	315	–	44.1	83.0
Bowen Island	IM	M		16	9		–		
		F		14	9		–		
		T	3,271	30	18	33	–		
Lions Bay	VL	M		3	4		–		
		F		2	2		–		
		T	1,491	5	6	23	–		
West Vancouver	DM	M		110	182		–		
		F		135	221		–		
		T	42,526	245	403	257	–		
LHA 046 Sunshine Coast		M	13,672	81	118		1	40.2	76.7
		F	14,032	83	115		–	41.3	82.4
		T	27,704	164	233	143	2	40.8	79.5
Gibsons	T	M		26	40		–		
		F		25	26		–		
		T	3,996	51	66	43	–		
Sechelt/ Sechelt Indian Gov. Dist.	DM/ IGD	M		27	56		1		
		F		35	67		–		
		T	9,515	62	123	43	2		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001





Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 23 SOUTH FRASER									
LHA 035 Langley		**M**	**56,937**	**629**	**370**		**3**	**36.7**	**78.0**
		F	**58,166**	**581**	**351**		**3**	**38.1**	**82.3**
		T	**115,103**	**1,210**	**721**	**625**	**6**	**37.4**	**80.1**
Langley	C	M		126	94		1		
		F		147	101		1		
		T	24,421	273	195	225	2		
Langley	DM	M		503	271		2		
		F		434	246		2		
		T	90,102	937	517	400	4		
LHA 036 Surrey		**M**	**179,705**	**2,534**	**1,176**		**10**	**35.9**	**78.2**
		F	**181,664**	**2,308**	**1,050**		**8**	**37.9**	**83.4**
		T	**361,369**	**4,842**	**2,226**	**1,483**	**20**	**36.9**	**80.9**
Surrey	C	M		2,469	1,036		10		
		F		2,241	856		8		
		T	344,620	4,710	1,892	1,380	20		
White Rock	C	M		65	140		–		
		F		67	194		–		
		T	17,169	132	334	98	–		
LHA 037 Delta		**M**	**50,865**	**498**	**260**		**5**	**37.1**	**80.2**
		F	**51,449**	**454**	**286**		**2**	**37.7**	**83.3**
		T	**102,314**	**952**	**546**	**284**	**7**	**37.4**	**81.8**
Delta	DM	M		497	260		5		
		F		451	285		2		
		T	101,743	948	545	283	7		
TOTAL		**M**	**287,507**	**3,661**	**1,806**		**18**	**36.3**	**78.5**
		F	**291,279**	**3,343**	**1,687**		**13**	**37.9**	**83.2**
		T	**578,786**	**7,004**	**3,493**	**2,392**	**33**	**37.1**	**80.9**
HA 02 FRASER TOTAL		**M**	**666,715**	**8,074**	**4,402**		**47**	**35.5**	**77.7**
		F	**674,103**	**7,563**	**4,187**		**42**	**37.4**	**82.6**
		T	**1,340,818**	**15,637**	**8,589**	**5,852**	**94**	**36.4**	**80.2**
HSDA 31 RICHMOND									
LHA 038 Richmond		**M**	**81,393**	**801**	**383**		**5**	**36.2**	**79.2**
		F	**85,416**	**810**	**434**		**6**	**38.6**	**84.1**
		T	**166,809**	**1,611**	**817**	**940**	**11**	**37.4**	**81.8**
Richmond	C	M		801	383		5		
		F		810	434		6		
		T	166,809	1,611	817	940	11		
TOTAL		**M**	**81,393**	**801**	**383**		**5**	**36.2**	**79.2**
		F	**85,416**	**810**	**434**		**6**	**38.6**	**84.1**
		T	**166,809**	**1,611**	**817**	**940**	**11**	**37.4**	**81.8**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 32 VANCOUVER									
LHA 161 Vancouver		M	52,432	354	333		3	37.6	74.6
City Centre		F	51,768	382	318		1	38.7	82.5
		T	104,200	736	651	943	4	38.1	78.5
LHA 162 Vancouver		M	29,235	207	362		1	39.0	66.8
Downtown E. Side		F	24,162	228	174		2	39.0	78.0
		T	53,397	435	536	337	3	39.0	71.0
LHA 163 Vancouver		M	47,482	584	317		9	36.2	77.8
North East		F	48,147	551	269		5	38.1	82.8
		T	95,629	1,135	586	534	16	37.1	80.3
LHA 164 Vancouver		M	59,389	535	385		3	36.6	80.2
West Side		F	65,796	520	432		6	39.2	84.4
		T	125,185	1,055	817	1,128	10	38.0	82.6
LHA 165 Vancouver		M	42,695	546	238		4	35.9	76.0
Midtown		F	43,654	479	248		2	37.6	82.6
		T	86,349	1,025	486	319	6	36.8	79.3
LHA 166 Vancouver South		M	58,123	628	381		4	36.9	78.7
		F	62,246	616	393		2	39.5	83.3
		T	120,369	1,244	774	384	6	38.2	81.1
TOTAL		**M**	**289,356**	**2,854**	**2,030**		**24**	**36.9**	**76.1**
		F	**295,773**	**2,776**	**1,837**		**18**	**38.7**	**82.8**
		T	**585,129**	**5,630**	**3,867**	**3,645**	**45**	**37.8**	**79.5**
HSDA 33 NORTH SHORE/COAST GARIBALDI									
LHA 044 North Vancouver		M	63,644	617	343		6	37.4	78.9
		F	67,392	631	446		5	39.4	82.6
		T	131,036	1,248	789	413	12	38.4	80.8
North Vancouver	C	M		215	143		4		
		F		246	182		3		
		T	45,330	461	325	177	7		
North Vancouver	DM	M		395	193		2		
		F		379	261		2		
		T	86,152	774	454	231	5		
LHA 045 West Vancouver–Bowen Is.		M	23,343	138	216		–	42.7	81.1
		F	26,140	158	243		–	45.4	84.7
		T	49,483	296	459	315	–	44.1	83.0
Bowen Island	IM	M		16	9		–		
		F		14	9		–		
		T	3,271	30	18	33	–		
Lions Bay	VL	M		3	4		–		
		F		2	2		–		
		T	1,491	5	6	23	–		
West Vancouver	DM	M		110	182		–		
		F		135	221		–		
		T	42,526	245	403	257	–		
LHA 046 Sunshine Coast		M	13,672	81	118		1	40.2	76.7
		F	14,032	83	115		–	41.3	82.4
		T	27,704	164	233	143	2	40.8	79.5
Gibsons	T	M		26	40		–		
		F		25	26		–		
		T	3,996	51	66	43	–		
Sechelt/ Sechelt Indian Gov. Dist.	DM/ IGD	M		27	56		1		
		F		35	67		–		
		T	9,515	62	123	43	2		

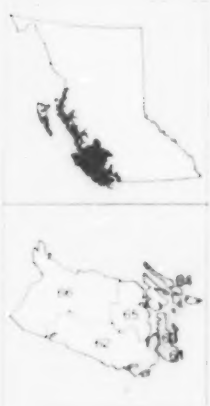
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority, Health Service Delivery Area, Local Health Area, Community (Incorporated Only)	Type*	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 047 Powell River		**M**	**10,504**	**69**	**91**		**–**	**39.3**	**77.2**
		F	**10,304**	**75**	**92**		**–**	**40.9**	**82.4**
		T	**20,808**	**144**	**183**	**85**	**–**	**40.1**	**79.8**
Powell River	DM	M		54	55		–		
		F		48	74		–		
		T	13,873	102	129	54	–		
LHA 048 Howe Sound		**M**	**17,002**	**209**	**57**		**1**	**33.0**	**76.8**
		F	**15,198**	**199**	**43**		**2**	**32.8**	**81.5**
		T	**32,200**	**408**	**100**	**352**	**3**	**32.9**	**79.0**
Pemberton	VL	M		28	3		–		
		F		29	3		–		
		T	1,772	57	6	17	–		
Squamish	DM	M		106	41		–		
		F		102	36		1		
		T	15,584	208	77	72	1		
Whistler	DM	M		55	9		–		
		F		51	1		1		
		T	9,965	106	10	247	1		
LHA 049 Bella Coola Valley		**M**	**1,858**	**18**	**12**		**–**	**32.4**	**71.8**
		F	**1,682**	**24**	**6**		**–**	**34.0**	**80.9**
		T	**3,540**	**42**	**18**	**19**	**–**	**33.1**	**75.4**
LHA 083 Central Coast		**M**	**1,118**	**7**	**3**		**–**	**31.9**	**69.4**
		F	**994**	**9**	**4**		**–**	**31.9**	**71.7**
		T	**2,112**	**16**	**7**	**4**	**–**	**31.9**	**70.4**
TOTAL		**M**	**131,141**	**1,139**	**840**		**8**	**38.1**	**78.6**
		F	**135,742**	**1,179**	**949**		**7**	**40.0**	**82.9**
		T	**266,883**	**2,318**	**1,789**	**1,331**	**17**	**39.1**	**80.8**
HA 03 VANCOUVER COASTAL TOTAL		**M**	**501,890**	**4,794**	**3,253**		**37**	**37.0**	**77.3**
		F	**516,931**	**4,765**	**3,220**		**31**	**38.9**	**83.0**
		T	**1,018,821**	**9,559**	**6,473**	**5,916**	**73**	**38.0**	**80.2**

HSDA 41 SOUTH VANCOUVER ISLAND



LHA 061 Greater Victoria		**M**	**97,228**	**885**	**1,038**		**2**	**39.6**	**77.1**
		F	**108,857**	**865**	**1,189**		**3**	**43.2**	**82.0**
		T	**206,085**	**1,750**	**2,227**	**1,231**	**5**	**41.5**	**79.7**
Esquimalt	DM	M		85	60		–		
		F		96	48		1		
		T	16,419	181	108	132	1		
Oak Bay	DM	M		40	106		–		
		F		52	110		–		
		T	17,494	92	216	82	–		
Saanich	DM	M		447	413		1		
		F		451	376		1		
		T	107,129	898	789	293	2		
Victoria	C	M		328	518		1		
		F		292	714		1		
		T	75,369	620	1,232	781	2		
View Royal	T	M		33	25		–		
		F		33	20		1		
		T	7,764	66	45	38	1		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

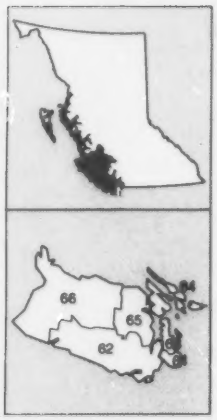
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997-2001)
LHA 062 Sooke		**M**	**27,703**	**317**	**176**		**3**	**35.5**	**77.8**
		F	**27,281**	**287**	**141**		**3**	**36.6**	**81.6**
		T	**54,984**	**604**	**317**	**349**	**6**	**36.1**	**79.7**
Colwood	C	M		90	45		1		
		F		76	67		–		
		T	14,676	166	112	95	1		
Highlands	DM	M		7	1		–		
		F		9	2		–		
		T	1,686	16	3	7	–		
Langford	DM	M		116	71		–		
		F		114	40		2		
		T	20,342	230	111	56	2		
Metchosin	DM	M		17	9		–		
		F		16	8		–		
		T	5,128	33	17	18	–		
Sooke	DM	M		75	43		2		
		F		65	21		1		
		T	9,759	140	64	139	3		
LHA 063 Saanich		**M**	**29,512**	**192**	**293**		**1**	**43.1**	**80.0**
		F	**31,116**	**209**	**288**		**2**	**45.2**	**83.8**
		T	**60,628**	**401**	**581**	**305**	**3**	**44.2**	**82.0**
Central Saanich	DM	M		59	75		–		
		F		66	83		1		
		T	15,694	125	158	59	1		
North Saanich	DM	M		24	30		–		
		F		23	32		–		
		T	10,954	47	62	70	–		
Sidney	T	M		45	93		–		
		F		41	82		–		
		T	11,116	86	175	72	–		
LHA 064 Gulf Islands		**M**	**7,183**	**54**	**71**		**1**	**44.1**	**79.3**
		F	**7,682**	**41**	**55**		**–**	**45.6**	**83.9**
		T	**14,865**	**95**	**126**	**171**	**1**	**44.9**	**81.6**
LHA 065 Cowichan		**M**	**27,469**	**248**	**239**		**2**	**37.8**	**77.3**
		F	**27,976**	**216**	**186**		**4**	**39.2**	**82.8**
		T	**55,445**	**464**	**425**	**255**	**6**	**38.5**	**80.0**
Duncan	C	M		34	42		1		
		F		28	57		1		
		T	4,812	62	99	52	2		
North Cowichan	DM	M		137	142		1		
		F		104	104		1		
		T	27,837	241	246	111	2		
LHA 066 Lake Cowichan		**M**	**3,460**	**24**	**22**		**–**	**37.6**	**77.9**
		F	**3,255**	**22**	**15**		**–**	**37.2**	**87.5**
		T	**6,715**	**46**	**37**	**22**	**–**	**37.4**	**82.1**
Lake Cowichan	T	M		18	17		–		
		F		17	12		–		
		T	3,177	35	29	12	–		
TOTAL		**M**	**192,555**	**1,720**	**1,839**		**9**	**39.4**	**77.9**
		F	**206,167**	**1,640**	**1,874**		**12**	**42.1**	**82.5**
		T	**398,722**	**3,360**	**3,713**	**2,333**	**21**	**40.8**	**80.3**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type[1]	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 047 Powell River		**M**	**10,504**	**69**	**91**		**–**	**39.3**	**77.2**
		F	**10,304**	**75**	**92**		**–**	**40.9**	**82.4**
		T	**20,808**	**144**	**183**	**85**	**–**	**40.1**	**79.8**
Powell River	DM	M		54	55		–		
		F		48	74		–		
		T	13,873	102	129	54	–		
LHA 048 Howe Sound		**M**	**17,002**	**209**	**57**		**1**	**33.0**	**76.8**
		F	**15,198**	**199**	**43**		**2**	**32.8**	**81.5**
		T	**32,200**	**408**	**100**	**352**	**3**	**32.9**	**79.0**
Pemberton	VL	M		28	3		–		
		F		29	3		–		
		T	1,772	57	6	17	–		
Squamish	DM	M		106	41		–		
		F		102	36		1		
		T	15,584	208	77	72	1		
Whistler	DM	M		55	9		–		
		F		51	1		1		
		T	9,965	106	10	247	1		
LHA 049 Bella Coola Valley		**M**	**1,858**	**18**	**12**		**–**	**32.4**	**71.8**
		F	**1,682**	**24**	**6**		**–**	**34.0**	**80.9**
		T	**3,540**	**42**	**18**	**19**	**–**	**33.1**	**75.4**
LHA 083 Central Coast		**M**	**1,118**	**7**	**3**		**–**	**31.9**	**69.4**
		F	**994**	**9**	**4**		**–**	**31.9**	**71.7**
		T	**2,112**	**16**	**7**	**4**	**–**	**31.9**	**70.4**
TOTAL		**M**	**131,141**	**1,139**	**840**		**8**	**38.1**	**76.6**
		F	**135,742**	**1,179**	**949**		**7**	**40.0**	**82.9**
		T	**266,883**	**2,318**	**1,789**	**1,331**	**17**	**39.1**	**80.8**
HA 03 VANCOUVER COASTAL TOTAL		**M**	**501,890**	**4,794**	**3,253**		**37**	**37.0**	**77.3**
		F	**516,931**	**4,765**	**3,220**		**31**	**38.9**	**83.0**
		T	**1,018,821**	**9,559**	**6,473**	**5,916**	**73**	**38.0**	**80.2**
HSDA 41 SOUTH VANCOUVER ISLAND									
LHA 061 Greater Victoria		**M**	**97,228**	**885**	**1,038**		**2**	**39.6**	**77.1**
		F	**108,857**	**865**	**1,189**		**3**	**43.2**	**82.0**
		T	**206,085**	**1,750**	**2,227**	**1,231**	**5**	**41.5**	**79.7**
Esquimalt	DM	M		85	60		–		
		F		96	48		1		
		T	16,419	181	108	132	1		
Oak Bay	DM	M		40	106		–		
		F		52	110		–		
		T	17,494	92	216	82	–		
Saanich	DM	M		447	413		1		
		F		451	376		1		
		T	107,129	898	789	293	2		
Victoria	C	M		328	518		1		
		F		292	714		1		
		T	75,369	620	1,232	781	2		
View Royal	T	M		33	25		–		
		F		33	20		1		
		T	7,764	66	45	38	1		



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

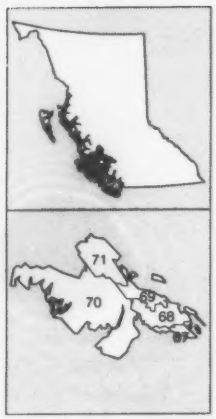
BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 062 Sooke		**M**	**27,703**	**317**	**176**		**3**	**35.5**	**77.8**
		F	**27,281**	**287**	**141**		**3**	**36.6**	**81.6**
		T	**54,984**	**604**	**317**	**349**	**6**	**36.1**	**79.7**
Colwood	C	M		90	45		1		
		F		76	67		–		
		T	14,676	166	112	95	1		
Highlands	DM	M		7	1		–		
		F		9	2		–		
		T	1,686	16	3	7	–		
Langford	DM	M		116	71		–		
		F		114	40		2		
		T	20,342	230	111	56	2		
Metchosin	DM	M		17	9		–		
		F		16	8		–		
		T	5,128	33	17	18	–		
Sooke	DM	M		75	43		2		
		F		65	21		1		
		T	9,759	140	64	139	3		
LHA 063 Saanich		**M**	**29,512**	**192**	**293**		**1**	**43.1**	**80.0**
		F	**31,116**	**209**	**288**		**2**	**45.2**	**83.6**
		T	**60,628**	**401**	**581**	**305**	**3**	**44.2**	**82.0**
Central Saanich	DM	M		59	75		–		
		F		66	83		1		
		T	15,694	125	158	59	1		
North Saanich	DM	M		24	30		–		
		F		23	32		–		
		T	10,954	47	62	70	–		
Sidney	T	M		45	93		–		
		F		41	82		–		
		T	11,116	86	175	72	–		
LHA 064 Gulf Islands		**M**	**7,183**	**54**	**71**		**1**	**44.1**	**79.3**
		F	**7,682**	**41**	**55**		**–**	**45.6**	**83.9**
		T	**14,865**	**95**	**126**	**171**	**1**	**44.9**	**81.6**
LHA 065 Cowichan		**M**	**27,469**	**248**	**239**		**2**	**37.8**	**77.3**
		F	**27,976**	**216**	**186**		**4**	**39.2**	**82.8**
		T	**55,445**	**464**	**425**	**255**	**6**	**38.5**	**80.0**
Duncan	C	M		34	42		1		
		F		28	57		1		
		T	4,812	62	99	52	2		
North Cowichan	DM	M		137	142		1		
		F		104	104		1		
		T	27,837	241	246	111	2		
LHA 066 Lake Cowichan		**M**	**3,460**	**24**	**22**		**–**	**37.6**	**77.9**
		F	**3,255**	**22**	**15**		**–**	**37.2**	**87.5**
		T	**6,715**	**46**	**37**	**22**	**–**	**37.4**	**82.1**
Lake Cowichan	T	M		18	17		–		
		F		17	12		–		
		T	3,177	35	29	12	–		
TOTAL		**M**	**192,565**	**1,720**	**1,839**		**9**	**39.4**	**77.9**
		F	**206,167**	**1,640**	**1,874**		**12**	**42.1**	**82.5**
		T	**398,722**	**3,360**	**3,713**	**2,333**	**21**	**40.8**	**80.3**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001



Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 42 CENTRAL VANCOUVER ISLAND									
LHA 067 Ladysmith		**M**	**7,618**	**74**	**92**		**–**	**40.5**	**75.4**
		F	**7,799**	**58**	**72**		**–**	**41.8**	**80.4**
		T	**15,417**	**132**	**164**	**106**	**–**	**41.2**	**77.9**
Ladysmith	T	M		32	41		–		
		F		31	30		–		
		T	7,044	63	71	40	–		
LHA 068 Nanaimo		**M**	**47,306**	**403**	**424**		**5**	**38.1**	**76.9**
		F	**48,658**	**420**	**356**		**2**	**39.8**	**82.0**
		T	**95,964**	**823**	**780**	**419**	**8**	**39.0**	**79.4**
Nanaimo	C	M		334	368		4		
		F		359	325		2		
		T	77,583	693	693	336	7		
LHA 069 Qualicum		**M**	**20,285**	**130**	**250**		**–**	**44.3**	**78.2**
		F	**21,061**	**116**	**199**		**1**	**46.0**	**82.7**
		T	**41,366**	**246**	**449**	**243**	**1**	**45.2**	**80.4**
Parksville	C	M		46	98		–		
		F		42	82		–		
		T	10,772	88	180	85	–		
Qualicum Beach	T	M		12	57		–		
		F		10	36		1		
		T	7,533	22	93	56	1		
LHA 070 Alberni		**M**	**17,040**	**159**	**150**		**1**	**37.1**	**75.3**
		F	**16,578**	**132**	**116**		**1**	**37.9**	**79.3**
		T	**33,618**	**291**	**266**	**285**	**3**	**37.5**	**77.3**
Port Alberni	C	M		86	109		1		
		F		71	91		–		
		T	19,531	157	200	77	2		
Tofino	DM	M		12	7		–		
		F		10	3		1		
		T	1,628	22	10	127	1		
Ucluelet	DM	M		15	8		–		
		F		14	1		–		
		T	1,831	29	9	45	–		
LHA 071 Courtenay		**M**	**29,907**	**244**	**246**		**–**	**39.3**	**77.0**
		F	**30,476**	**212**	**199**		**–**	**39.5**	**81.8**
		T	**60,365**	**456**	**445**	**307**	**–**	**39.9**	**79.4**
Comox	T	M		44	62		–		
		F		30	63		–		
		T	12,352	74	125	71	–		
Courtenay	C	M		105	72		–		
		F		81	57		–		
		T	20,055	186	129	93	–		
Cumberland	VL	M		14	24		–		
		F		14	19		–		
		T	2,720	28	43	11	–		
TOTAL		**M**	**122,156**	**1,010**	**1,182**		**6**	**39.2**	**76.8**
		F	**124,594**	**909**	**922**		**4**	**40.6**	**81.7**
		T	**246,750**	**1,919**	**2,104**	**1,380**	**12**	**39.9**	**79.2**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 43 NORTH VANCOUVER ISLAND									
LHA 072 Campbell River		**M**	**21,635**	**190**	**136**		**5**	**36.1**	**76.5**
		F	**20,756**	**174**	**94**		**1**	**36.7**	**81.2**
		T	**42,391**	**364**	**230**	**197**	**6**	**36.4**	**78.8**
Campbell River	DM	M		153	106		3		
		F		143	79		–		
		T	31,437	296	185	143	3		
Sayward	VL	M		2	2		–		
		F		2	–		–		
		T	434	4	2	3	–		
LHA 084 Vancouver Island West		**M**	**1,693**	**24**	**4**		**–**	**32.8**	**72.2**
		F	**1,432**	**14**	**2**		**–**	**30.5**	**69.6**
		T	**3,125**	**38**	**6**	**5**	**–**	**31.7**	**76.2**
Gold River	VL	M		17	2		–		
		F		6	2		–		
		T	1,747	23	4	2	–		
Tahsis	VL	M		1	–		–		
		F		3	–		–		
		T	892	4	–	1	–		
Zeballos	VL	M		4	2		–		
		F		3	–		–		
		T	272	7	2	1	–		
LHA 085 Vancouver Island North		**M**	**8,179**	**100**	**38**		**–**	**33.7**	**73.8**
		F	**7,329**	**87**	**18**		**2**	**32.0**	**78.5**
		T	**15,508**	**187**	**56**	**46**	**2**	**32.9**	**76.0**
Alert Bay	VL	M		11	8		–		
		F		8	3		–		
		T	546	19	11	7	–		
Port Alice	VL	M		1	3		–		
		F		3	3		–		
		T	1,258	4	6	3	–		
Port Hardy	DM	M		52	18		–		
		F		46	5		2		
		T	5,283	98	23	21	2		
Port McNeill	T	M		24	3		–		
		F		21	1		–		
		T	3,085	45	4	9	–		
TOTAL		**M**	**31,507**	**314**	**178**		**5**	**35.3**	**75.9**
		F	**29,517**	**275**	**114**		**3**	**35.2**	**80.8**
		T	**61,024**	**589**	**292**	**248**	**8**	**35.3**	**78.2**
HA 04 VANCOUVER ISLAND TOTAL		**M**	**346,218**	**3,044**	**3,179**		**20**	**38.5**	**77.3**
		F	**360,278**	**2,853**	**2,930**		**19**	**40.6**	**82.1**
		T	**706,496**	**5,897**	**6,109**	**3,941**	**41**	**39.6**	**79.8**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type †	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 42 CENTRAL VANCOUVER ISLAND									
LHA 067 Ladysmith		**M**	**7,618**	**74**	**92**		**–**	**40.5**	**75.4**
		F	**7,799**	**58**	**72**		**–**	**41.8**	**80.4**
		T	**15,417**	**132**	**164**	**106**	**–**	**41.2**	**77.9**
Ladysmith	T	M		32	41		–		
		F		31	30		–		
		T	7,044	63	71	40	–		
LHA 068 Nanaimo		**M**	**47,306**	**403**	**424**		**5**	**38.1**	**76.9**
		F	**48,658**	**420**	**356**		**2**	**39.8**	**82.0**
		T	**95,964**	**823**	**780**	**419**	**8**	**39.0**	**79.4**
Nanaimo	C	M		334	368		4		
		F		359	325		2		
		T	77,583	693	693	336	7		
LHA 069 Qualicum		**M**	**20,285**	**130**	**250**		**–**	**44.3**	**78.2**
		F	**21,081**	**116**	**199**		**1**	**46.0**	**82.7**
		T	**41,366**	**246**	**449**	**243**	**1**	**45.2**	**80.4**
Parksville	C	M		46	98		–		
		F		42	82		–		
		T	10,772	88	180	85	–		
Qualicum Beach	T	M		12	57		–		
		F		10	36		1		
		T	7,533	22	93	56	1		
LHA 070 Alberni		**M**	**17,040**	**159**	**150**		**1**	**37.1**	**75.3**
		F	**16,578**	**132**	**116**		**1**	**37.9**	**79.3**
		T	**33,618**	**291**	**266**	**285**	**3**	**37.5**	**77.3**
Port Alberni	C	M		86	109		1		
		F		71	91		–		
		T	19,531	157	200	77	2		
Tofino	DM	M		12	7		–		
		F		10	3		1		
		T	1,628	22	10	127	1		
Ucluelet	DM	M		15	8		–		
		F		14	1		–		
		T	1,831	29	9	45	–		
LHA 071 Courtenay		**M**	**29,907**	**244**	**246**		**–**	**38.3**	**77.0**
		F	**30,478**	**212**	**199**		**–**	**39.5**	**81.8**
		T	**60,385**	**456**	**445**	**307**	**–**	**38.9**	**79.4**
Comox	T	M		44	62		–		
		F		30	63		–		
		T	12,352	74	125	71	–		
Courtenay	C	M		105	72		–		
		F		81	57		–		
		T	20,055	186	129	93	–		
Cumberland	VL	M		14	24		–		
		F		14	19		–		
		T	2,720	28	43	11	–		
TOTAL		**M**	**122,156**	**1,010**	**1,162**		**6**	**39.2**	**76.8**
		F	**124,594**	**938**	**942**		**4**	**40.6**	**81.7**
		T	**246,750**	**1,948**	**2,104**	**1,360**	**12**	**39.9**	**79.2**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

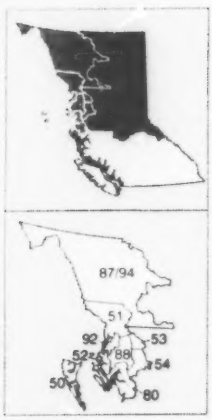
BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997-2001)
HSDA 43 NORTH VANCOUVER ISLAND									
LHA 072 Campbell River		M	21,635	190	136		5	36.1	76.5
		F	20,756	174	94		1	36.7	81.2
		T	42,391	364	230	197	6	36.4	78.8
Campbell River	DM	M		153	106		3		
		F		143	79		–		
		T	31,437	296	185	143	3		
Sayward	VL	M		2	2		–		
		F		2	–		–		
		T	434	4	2	3	–		
LHA 084 Vancouver Island West		M	1,693	24	4		–	32.8	72.2
		F	1,432	14	2		–	30.5	69.6
		T	3,125	38	6	5	–	31.7	76.2
Gold River	VL	M		17	2		–		
		F		6	2		–		
		T	1,747	23	4	2	–		
Tahsis	VL	M		1	–		–		
		F		3	–		–		
		T	892	4	–	1	–		
Zeballos	VL	M		4	2		–		
		F		3	–		–		
		T	272	7	2	1	–		
LHA 085 Vancouver Island North		M	8,179	100	38		–	33.7	73.8
		F	7,329	87	18		2	32.0	78.5
		T	15,508	187	56	46	2	32.9	76.0
Alert Bay	VL	M		11	8		–		
		F		8	3		–		
		T	546	19	11	7	–		
Port Alice	VL	M		1	3		–		
		F		3	3		–		
		T	1,258	4	6	3	–		
Port Hardy	DM	M		52	18		–		
		F		46	5		2		
		T	5,283	98	23	21	2		
Port McNeill	T	M		24	3		–		
		F		21	1		–		
		T	3,085	45	4	9	–		
TOTAL		**M**	**31,507**	**314**	**178**		**5**	**35.3**	**75.9**
		F	**29,517**	**275**	**114**		**3**	**35.2**	**80.8**
		T	**61,024**	**589**	**292**	**248**	**8**	**35.3**	**78.2**
HA 04 VANCOUVER ISLAND TOTAL		**M**	**346,218**	**3,044**	**3,179**		**20**	**38.5**	**77.3**
		F	**360,278**	**2,853**	**2,930**		**19**	**40.6**	**82.1**
		T	**706,496**	**5,897**	**6,109**	**3,941**	**41**	**39.6**	**79.8**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001



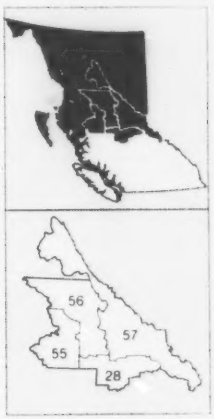
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 51 NORTHWEST									
LHA 050 Queen Charlotte		M	3,226	31	21		1	33.8	73.5
		F	2,734	37	7		–	33.7	78.6
		T	5,960	68	28	12	1	33.8	75.4
Masset	VL	M		11	8		–		
		F		15	5		–		
		T	1,268	26	13	4	–		
Port Clements	VL	M		6	2		–		
		F		3	–		–		
		T	595	9	2	1	–		
LHA 051 Snow Country		M	445	5	3		–	34.9	72.4
		F	400	3	–		–	33.0	73.0
		T	845	8	3	6	–	34.0	74.9
Stewart	DM	M		5	2		–		
		F		3	–		–		
		T	696	8	2	6	–		
LHA 052 Prince Rupert		M	9,545	108	55		1	32.8	74.1
		F	9,044	110	34		1	33.0	81.6
		T	18,589	218	89	49	2	32.9	77.5
Port Edward	DM	M		3	–		–		
		F		–	1		–		
		T	742	3	1	2	–		
Prince Rupert	C	M		99	54		1		
		F		105	29		1		
		T	16,924	204	83	46	2		
LHA 053 Upper Skeena		M	3,272	42	16		1	31.2	74.4
		F	2,893	40	11		–	30.9	78.1
		T	6,165	82	27	24	1	31.0	75.8
Hazelton	VL	M		23	11		1		
		F		22	7		–		
		T	356	45	18	16	1		
New Hazelton	DM	M		10	3		–		
		F		10	2		–		
		T	852	20	5	4	–		
LHA 054 Smithers		M	9,828	118	46		1	32.6	76.8
		F	9,067	98	35		4	32.7	80.5
		T	18,895	216	81	71	5	32.6	78.6
Houston	DM	M		33	5		–		
		F		21	7		1		
		T	4,173	54	12	17	1		
Smithers	T	M		66	35		1		
		F		58	21		3		
		T	6,145	124	56	43	4		
Telkwa	VL	M		16	5		–		
		F		17	6		–		
		T	1,426	33	11	10	–		
LHA 080 Kitimat		M	6,658	55	28		1	33.9	76.2
		F	6,190	49	25		–	34.2	82.5
		T	12,848	104	53	36	1	34.1	78.8
Kitimat	DM	M		49	24		1		
		F		39	22		–		
		T	11,538	88	46	34	1		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

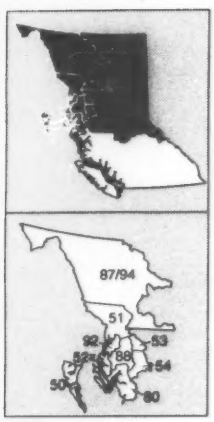
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 087 Stikine		**M**	**717**	**6**	**5**		**–**	**36.0**	**76.5**
		F	**661**	**2**	**–**		**–**	**34.5**	**81.4**
		T	**1,378**	**8**	**5**	**5**	**–**	**35.3**	**83.1**
LHA 088 Terrace		**M**	**12,507**	**158**	**59**		**1**	**33.0**	**76.3**
		F	**11,737**	**121**	**42**		**2**	**32.4**	**80.1**
		T	**24,244**	**279**	**101**	**106**	**3**	**32.7**	**77.9**
Terrace	C	M		98	37		1		
		F		73	28		1		
		T	13,875	171	65	66	2		
LHA 092 Nisga'a		**M**	**1,355**	**17**	**6**		**–**	**30.3**	**75.7**
		F	**1,160**	**11**	**3**		**–**	**29.9**	**75.1**
		T	**2,515**	**28**	**9**	**5**	**–**	**30.1**	**74.5**
LHA 094 Telegraph Creek		**M**	**359**	**4**	**2**		**–**	**30.2**	**68.3**
		F	**306**	**7**	**1**		**–**	**29.8**	**70.7**
		T	**665**	**11**	**3**	**4**	**–**	**30.0**	**71.3**
TOTAL		**M**	**47,912**	**544**	**241**		**6**	**32.9**	**75.5**
		F	**44,192**	**478**	**158**		**7**	**32.8**	**80.3**
		T	**92,104**	**1,022**	**399**	**318**	**13**	**32.8**	**77.7**
HSDA 52 NORTHERN INTERIOR									
LHA 028 Quesnel		**M**	**14,076**	**108**	**85**		**–**	**35.1**	**75.8**
		F	**13,584**	**130**	**70**		**1**	**35.1**	**80.2**
		T	**27,660**	**238**	**155**	**115**	**1**	**35.1**	**77.9**
Quesnel	C	M		55	44		–		
		F		67	43		–		
		T	10,920	122	87	56	–		
Wells	DM	M		–	1		–		
		F		–	–		–		
		T	266	–	1	2	–		
LHA 055 Burns Lake		**M**	**4,129**	**61**	**23**		**–**	**34.6**	**75.2**
		F	**3,861**	**42**	**15**		**–**	**34.1**	**79.9**
		T	**7,990**	**103**	**38**	**34**	**–**	**34.4**	**77.4**
Burns Lake	VL	M		60	17		–		
		F		40	13		–		
		T	1,895	100	30	31	–		
Granisle	VL	M		1	2		–		
		F		1	2		–		
		T	419	2	4	3	–		
LHA 056 Nechako		**M**	**9,769**	**117**	**48**		**1**	**32.8**	**74.0**
		F	**8,951**	**119**	**35**		**1**	**32.7**	**81.6**
		T	**18,720**	**236**	**83**	**88**	**2**	**32.8**	**77.4**
Fort St. James	DM	M		39	14		–		
		F		37	4		–		
		T	2,095	76	18	20	–		
Fraser Lake	VL	M		9	8		–		
		F		12	2		–		
		T	1,308	21	10	13	–		
Vanderhoof	DM	M		64	21		1		
		F		60	24		1		
		T	4,862	124	45	53	2		
LHA 057 Prince George		**M**	**55,324**	**530**	**276**		**6**	**33.6**	**75.5**
		F	**52,611**	**520**	**226**		**10**	**33.7**	**80.2**
		T	**107,935**	**1,050**	**502**	**436**	**16**	**33.6**	**77.7**



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001



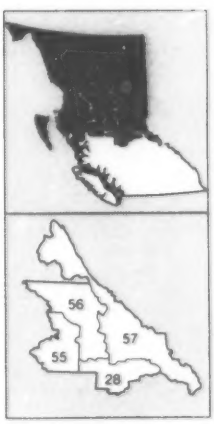
Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type[1]	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HSDA 51 NORTHWEST									
LHA 050 Queen Charlotte		**M**	**3,226**	**31**	**21**		**1**	**33.8**	**73.5**
		F	**2,734**	**37**	**7**		**–**	**33.7**	**78.6**
		T	**5,960**	**68**	**28**	**12**	**1**	**33.8**	**75.4**
Masset	VL	M		11	8		–		
		F		15	5		–		
		T	1,268	26	13	4	–		
Port Clements	VL	M		6	2		–		
		F		3	–		–		
		T	595	9	2	1	–		
LHA 051 Snow Country		**M**	**445**	**5**	**3**		**–**	**34.9**	**72.4**
		F	**400**	**3**	**–**		**–**	**33.0**	**73.0**
		T	**845**	**8**	**3**	**6**	**–**	**34.0**	**74.9**
Stewart	DM	M		5	2		–		
		F		3	–		–		
		T	696	8	2	6	–		
LHA 052 Prince Rupert		**M**	**9,545**	**108**	**55**		**1**	**32.8**	**74.1**
		F	**9,044**	**110**	**34**		**1**	**33.0**	**81.6**
		T	**18,589**	**218**	**89**	**49**	**2**	**32.9**	**77.5**
Port Edward	DM	M		3	–		–		
		F		–	1		–		
		T	742	3	1	2	–		
Prince Rupert	C	M		99	54		1		
		F		105	29		1		
		T	16,924	204	83	46	2		
LHA 053 Upper Skeena		**M**	**3,272**	**42**	**16**		**1**	**31.2**	**74.4**
		F	**2,893**	**40**	**11**		**–**	**30.9**	**78.1**
		T	**6,165**	**82**	**27**	**24**	**1**	**31.0**	**75.8**
Hazelton	VL	M		23	11		1		
		F		22	7		–		
		T	356	45	18	16	1		
New Hazelton	DM	M		10	3		–		
		F		10	2		–		
		T	852	20	5	4	–		
LHA 054 Smithers		**M**	**9,828**	**118**	**46**		**1**	**32.6**	**76.8**
		F	**9,067**	**98**	**35**		**4**	**32.7**	**80.5**
		T	**18,895**	**216**	**81**	**71**	**5**	**32.6**	**78.6**
Houston	DM	M		33	5		–		
		F		21	7		1		
		T	4,173	54	12	17	1		
Smithers	T	M		66	35		1		
		F		58	21		3		
		T	6,145	124	56	43	4		
Telkwa	VL	M		16	5		–		
		F		17	6		–		
		T	1,426	33	11	10	–		
LHA 080 Kitimat		**M**	**6,658**	**55**	**28**		**1**	**33.9**	**78.2**
		F	**6,190**	**49**	**25**		**–**	**34.2**	**82.5**
		T	**12,848**	**104**	**53**	**36**	**1**	**34.1**	**78.8**
Kitimat	DM	M		49	24		1		
		F		39	22		–		
		T	11,538	88	46	34	1		

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
LHA 087 Stikine		**M**	**717**	**6**	**5**		**–**	**36.0**	**76.5**
		F	**661**	**2**	**–**		**–**	**34.5**	**81.4**
		T	**1,378**	**8**	**5**	**5**	**–**	**35.3**	**83.1**
LHA 088 Terrace		**M**	**12,507**	**158**	**59**		**1**	**33.0**	**76.3**
		F	**11,737**	**121**	**42**		**2**	**32.4**	**80.1**
		T	**24,244**	**279**	**101**	**106**	**3**	**32.7**	**77.9**
Terrace	C	M		98	37		1		
		F		73	28		1		
		T	13,875	171	65	66	2		
LHA 092 Nisga'a		**M**	**1,355**	**17**	**6**		**–**	**30.3**	**75.7**
		F	**1,160**	**11**	**3**		**–**	**29.9**	**75.1**
		T	**2,515**	**28**	**9**	**5**	**–**	**30.1**	**74.5**
LHA 094 Telegraph Creek		**M**	**359**	**4**	**2**		**–**	**30.2**	**68.3**
		F	**306**	**7**	**1**		**–**	**29.8**	**70.7**
		T	**665**	**11**	**3**	**4**	**–**	**30.0**	**71.3**
TOTAL		**M**	**47,912**	**544**	**241**		**6**	**32.9**	**75.5**
		F	**44,192**	**478**	**158**		**7**	**32.8**	**80.3**
		T	**92,104**	**1,022**	**399**	**318**	**13**	**32.8**	**77.7**
HSDA 52 NORTHERN INTERIOR									
LHA 028 Quesnel		**M**	**14,076**	**108**	**85**		**–**	**35.1**	**75.8**
		F	**13,584**	**130**	**70**		**1**	**35.1**	**80.2**
		T	**27,660**	**238**	**155**	**115**	**1**	**35.1**	**77.9**
Quesnel	C	M		55	44		–		
		F		67	43		–		
		T	10,920	122	87	56	–		
Wells	DM	M		–	1		–		
		F		–	–		–		
		T	266	–	1	2	–		
LHA 055 Burns Lake		**M**	**4,129**	**61**	**23**		**–**	**34.6**	**75.2**
		F	**3,861**	**42**	**15**		**–**	**34.1**	**79.9**
		T	**7,990**	**103**	**38**	**34**	**–**	**34.4**	**77.4**
Burns Lake	VL	M		60	17		–		
		F		40	13		–		
		T	1,895	100	30	31	–		
Granisle	VL	M		1	2		–		
		F		1	2		–		
		T	419	2	4	3	–		
LHA 056 Nechako		**M**	**9,769**	**117**	**48**		**1**	**32.8**	**74.0**
		F	**8,951**	**119**	**35**		**1**	**32.7**	**81.6**
		T	**18,720**	**236**	**83**	**88**	**2**	**32.8**	**77.4**
Fort St. James	DM	M		39	14		–		
		F		37	4		–		
		T	2,095	76	18	20	–		
Fraser Lake	VL	M		9	8		–		
		F		12	2		–		
		T	1,308	21	10	13	–		
Vanderhoof	DM	M		64	21		1		
		F		60	24		1		
		T	4,862	124	45	53	2		
LHA 057 Prince George		**M**	**55,324**	**530**	**276**		**6**	**33.6**	**75.5**
		F	**52,611**	**520**	**226**		**10**	**33.7**	**80.2**
		T	**107,935**	**1,050**	**502**	**436**	**16**	**33.6**	**77.7**



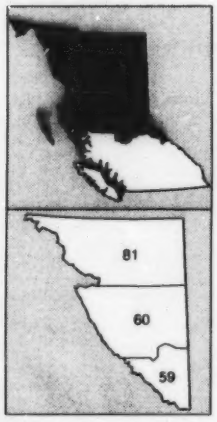
APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
Mackenzie	DM	M		36	9		–		
		F		50	4		2		
		T	6,177	86	13	9	2		
McBride	VL	M		6	6		–		
		F		11	2		–		
		T	773	17	8	7	–		
Prince George	C	M		421	214		4		
		F		383	207		8		
		T	81,506	804	421	370	12		
Valemount	VL	M		3	7		–		
		F		3	2		–		
		T	1,350	6	9	9	–		
TOTAL		**M**	**83,288**	**816**	**432**		**7**	**33.8**	**75.3**
		F	**79,087**	**811**	**346**		**12**	**33.8**	**80.4**
		T	**162,505**	**1,627**	**778**	**673**	**19**	**33.8**	**77.7**

HSDA 53 NORTHEAST



LHA 059 Peace River South		**M**	**14,236**	**122**	**61**		**–**	**33.3**	**76.0**
		F	**13,513**	**151**	**71**		**–**	**33.8**	**81.3**
		T	**27,749**	**273**	**152**	**127**	**–**	**33.6**	**78.5**
Chetwynd	DM	M		38	10		–		
		F		38	10		–		
		T	2,930	76	20	16	–		
Dawson Creek	C	M		66	38		–		
		F		80	30		–		
		T	11,789	146	68	74	–		
Pouce Coupe	VL	M		4	17		–		
		F		3	22		–		
		T	930	7	39	3	–		
Tumbler Ridge	DM	M		3	3		–		
		F		11	1		–		
		T	2,326	14	4	12	–		
LHA 060 Peace River North		**M**	**16,564**	**235**	**59**		**3**	**31.3**	**76.6**
		F	**15,816**	**237**	**42**		**4**	**31.3**	**84.8**
		T	**32,200**	**472**	**101**	**161**	**8**	**31.3**	**80.2**
Fort St. John	C	M		139	43		2		
		F		137	31		2		
		T	17,129	276	74	106	5		
Hudson's Hope	DM	M		3	–		–		
		F		6	3		–		
		T	1,155	9	3	4	–		
Taylor	DM	M		9	1		–		
		F		8	–		–		
		T	1,276	17	1	7	–		
LHA 081 Fort Nelson		**M**	**3,468**	**48**	**8**		**–**	**29.7**	**76.6**
		F	**3,148**	**33**	**6**		**–**	**29.5**	**77.7**
		T	**6,616**	**81**	**14**	**10**	**–**	**29.6**	**77.1**
Fort Nelson	T	M		48	8		–		
		F		32	6		–		
		T	4,814	80	14	18	–		
TOTAL		**M**	**34,516**	**429**	**140**		**5**	**32.0**	**76.4**
		F	**32,579**	**429**	**119**		**4**	**32.2**	**82.3**
		T	**67,095**	**858**	**257**	**287**	**9**	**32.1**	**79.0**

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HA 05 NORTHERN TOTAL		M	165,526	1,766	821		16	32.5	75.6
		F	155,477	1,709	623		23	32.4	80.8
		T	321,003	3,475	1,444	1,298	40	32.5	78.0
HA 06 PROVINCIAL HEALTH SERVICE AUTHORITY (PROVINCIAL TOTAL)		M	2,032,538	20,721	14,658		140	37.0	77.3
		F	2,063,396	19,654	13,503		128	38.8	82.5
		T	4,095,934	40,375	28,161	20,564	281	37.9	79.9

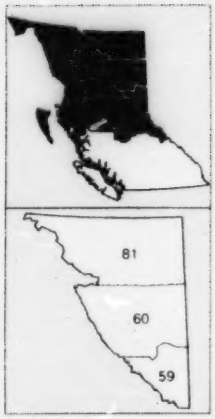
Note: Live births, stillbirths and deaths are assigned to communities based on the postal code of usual residence. Marriages are assigned according to the place where the marriage ceremony was performed, and include non-residents.
Totals for gender include cases with unknown gender.
Population estimates and life expectancy (1997–2001) were obtained from BCSTATS, Ministry of Management Services.
† C=City, T=Town, VL=Village, DM=District Municipality, IGD=Indian Government District, IM=Island Municipality.
The boundaries of some communities include areas in more than one LHA.
HSDA 32 Vancouver Total may include unspecified Vancouver addresses.

APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
Mackenzie	DM	M		36	9		–		
		F		50	4		2		
		T	6,177	86	13	9	2		
McBride	VL	M		6	6		–		
		F		11	2		–		
		T	773	17	8	7	–		
Prince George	C	M		421	214		4		
		F		383	207		8		
		T	81,506	804	421	370	12		
Valemount	VL	M		3	7		–		
		F		3	2		–		
		T	1,350	6	9	9	–		
TOTAL		**M**	**83,298**	**816**	**432**		**7**	**33.8**	**75.3**
		F	**79,007**	**811**	**346**		**12**	**33.8**	**80.4**
		T	**162,305**	**1,627**	**778**	**673**	**19**	**33.8**	**77.7**
HSDA 53 NORTHEAST									
LHA 059 Peace River South		M	14,236	122	81		–	33.3	76.0
		F	13,513	151	71		–	33.8	81.3
		T	27,749	273	152	127	–	33.6	78.5
Chetwynd	DM	M		38	10		–		
		F		38	10		–		
		T	2,930	76	20	16	–		
Dawson Creek	C	M		66	38		–		
		F		80	30		–		
		T	11,789	146	68	74	–		
Pouce Coupe	VL	M		4	17		–		
		F		3	22		–		
		T	930	7	39	3	–		
Tumbler Ridge	DM	M		3	3		–		
		F		11	1		–		
		T	2,326	14	4	12	–		
LHA 060 Peace River North		M	16,584	235	59		3	31.3	76.6
		F	15,616	237	42		4	31.3	84.8
		T	32,200	472	101	161	8	31.3	80.2
Fort St. John	C	M		139	43		2		
		F		137	31		2		
		T	17,129	276	74	106	5		
Hudson's Hope	DM	M		3	–		–		
		F		6	3		–		
		T	1,155	9	3	4	–		
Taylor	DM	M		9	1		–		
		F		8	–		–		
		T	1,276	17	1	7	–		
LHA 081 Fort Nelson		M	3,496	49	8		–	29.7	76.6
		F	3,149	32	6		–	29.5	77.7
		T	6,645	81	14	19	–	29.6	77.1
Fort Nelson	T	M		48	8		–		
		F		32	6		–		
		T	4,814	80	14	18	–		
TOTAL		**M**	**34,316**	**406**	**148**		**3**	**32.0**	**76.4**
		F	**32,278**	**420**	**119**		**4**	**32.2**	**82.2**
		T	**66,594**	**826**	**267**	**307**	**8**	**32.1**	**79.0**



APPENDIX 1 – *continued*

STATISTICAL SUMMARIES BY HEALTH AUTHORITY, HEALTH SERVICE DELIVERY AREA, LOCAL HEALTH AREA AND COMMUNITY

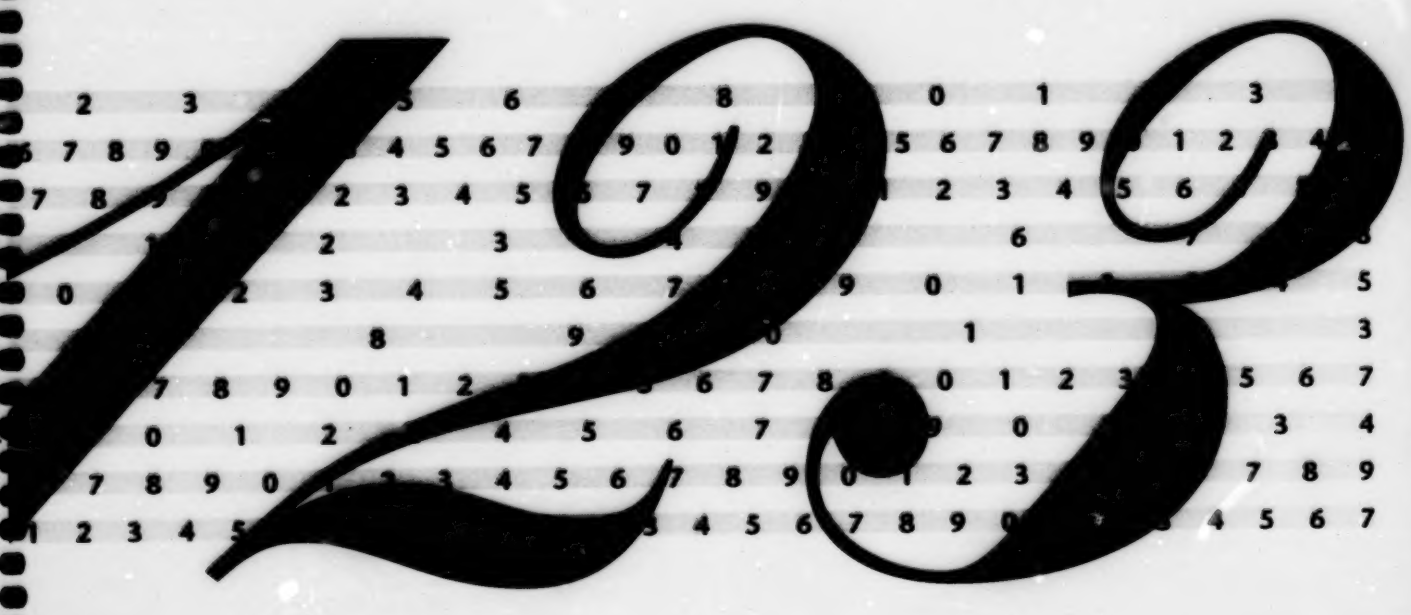
BRITISH COLUMBIA, 2001

Health Authority/ Health Service Delivery Area/ Local Health Area/ Community (Incorporated Only)	Type†	Gender	Population	Live Births	Deaths	Marriages	Stillbirths	Average Age Population	Life Expectancy (1997–2001)
HA 05 NORTHERN TOTAL		**M**	**165,526**	**1,766**	**821**		**16**	**32.5**	**75.6**
		F	**155,477**	**1,709**	**623**		**23**	**32.4**	**80.8**
		T	**321,003**	**3,475**	**1,444**	**1,298**	**40**	**32.5**	**78.0**
HA 06 PROVINCIAL HEALTH SERVICE AUTHORITY (PROVINCIAL TOTAL)		**M**	**2,032,538**	**20,721**	**14,658**		**140**	**37.0**	**77.3**
		F	**2,063,396**	**19,654**	**13,503**		**128**	**38.8**	**82.5**
		T	**4,095,934**	**40,375**	**28,161**	**20,554**	**281**	**37.9**	**79.9**

Note: Live births, stillbirths and deaths are assigned to communities based on the postal code of usual residence. Marriages are assigned according to the place where the marriage ceremony was performed, and include non-residents.
Totals for gender include cases with unknown gender.
Population estimates and life expectancy (1997–2001) were obtained from BCSTATS, Ministry of Management Services.
† C=City, T=Town, VL=Village, DM=District Municipality, IGD=Indian Government District, IM=Island Municipality.
The boundaries of some communities include areas in more than one LHA.
HSDA 32 Vancouver Total may include unspecified Vancouver addresses.

Appendix 2

Detailed Cause of Death by Gender and Age



Preamble to Appendix 2

Appendix 2 provides detailed causes of death by gender and age group for deaths that occurred in British Columbia to provincial residents in the year 2001. Causes of death are coded according to the World Health Organization's International Classification of Diseases, tenth revision (ICD-10). ICD-10 defines the underlying cause of death as "(a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury." ICD-10 codes consist of a letter followed by numbers, and sometimes include a fourth character to provide more specificity. In this appendix, the ICD-10 codes have been summed to the letter plus two-digit level and are presented only where there were at least five deaths from the specified cause.

The list below provides a summary of ICD-10, including subgroups used in this report:

Cause of Death Category	ICD-10 Code(s)
Infectious/parasitic diseases	A00–B99
HIV disease	B20–B24
Neoplasms	C00–D48
Cancer (malignant neoplasms)	C00–C97
Colorectal	C18–C21
Lung	C33–C34
Female breast	C50.0–C50.9
Diseases of blood and blood-forming organs, certain immune disorders	D50–D89
Endocrine/nutritional/metabolic diseases	E00–E90
Diabetes	E10–E14
Mental and behavioural disorders	F00–F99
Vascular/senile dementia	F01, F03
Mental disorder due to psychoactive substance use/abuse	F10–F19
Nervous system diseases	G00–G99
Alzheimer's disease	G30
Diseases of the eyes and ears	H00–H95
Circulatory system diseases	I00–I99
Cardiovascular disease	I01–I51
Ischemic heart disease	I20–I25
Cerebrovascular disease	I60–I69
Respiratory system diseases	J00–J99
Pneumonia/influenza	J10–J18.1, J18.8–J18.9
Chronic lung disease	J41–J44
Digestive system diseases	K00–K93
Chronic liver disease/cirrhosis	K70, K73–K74, K76.0–K76.1
Liver diseases	K70–K77
Skin and subcutaneous tissue diseases	L00–L99

Musculoskeletal system and connective tissue diseases	M00–M99
Genitourinary system diseases	N00–N99
Pregnancy, childbirth and puerperial complications	O00–O99
Perinatal conditions	P00–P96
Congenital anomalies	Q00–Q99
Symptoms, signs and ill-defined conditions, unknown causes	R00–R99
Sudden infant death syndrome (SIDS)	R95
Cause of death unknown or pending	R96–R99
External causes	V01–Y98
Motor vehicle accidents	V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V82.0–V82.1, V82.3–V89.0, V89.2, V89.9, Y85.0
Other transport accidents	V01, V05–V06, V10–V11, V15–V18, V19.8–V19.9, V80.0–V80.2, V80.6–V81.9, V82.2, V89.1, V89.3, V90-V99, Y85.9
Accidental falls	W00–W19
Drowning/submersion	W65–W74
Accident caused by fire	X00–X09
Accidental poisoning	X40–X49
Suicide	X60–X84, Y87.0
Homicide	X85–Y09, Y87.1

APPENDIX 2
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
A04	Other bacterial intestinal infections	M	–	–	–	–	–	–	–	–	3	2	5
		F	–	–	–	–	–	–	–	–	6	8	14
A08	Viral and other specified intestinal infections	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	1	–	3	4
A16	Respiratory tuberculosis	M	–	–	–	–	–	–	1	1	4	4	10
		F	–	–	–	–	–	–	–	2	2	2	6
A39	Meningococcal infection	M	–	–	–	–	–	1	–	–	–	–	1
		F	–	1	1	–	–	–	1	–	1	–	4
A40	Streptococcal septicemia	M	1	–	–	–	–	–	1	–	–	1	3
		F	–	1	–	–	–	–	–	–	1	3	5
A41	Other septicemia	M	–	–	–	–	–	–	5	8	24	27	64
		F	–	–	–	–	–	–	2	7	14	32	55
A49	Bacterial infection of unspecified site	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	–	1	–	1
A81	Atypical virus infections of central nervous system	M	–	–	–	–	–	–	–	1	1	–	2
		F	–	–	–	–	–	–	–	2	2	–	4
B02	Zoster [herpes zoster]	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	–	5	5
B16	Acute hepatitis B	M	–	–	–	–	–	–	–	3	1	–	4
		F	–	–	–	–	–	–	–	1	1	1	3
B18	Chronic viral hepatitis	M	–	–	–	–	–	–	5	39	7	4	55
		F	–	–	–	–	–	–	1	3	14	4	22
B20	HIV resulting in infectious and parasitic diseases	M	–	–	–	–	–	–	20	22	2	–	44
		F	–	–	–	–	–	–	7	4	–	–	11
B21	HIV resulting in malignant neoplasms	M	–	–	–	–	–	–	5	3	1	–	9
		F	–	–	–	–	–	–	–	–	–	–	–
B22	HIV resulting in other specified diseases	M	–	–	–	–	–	–	8	6	1	–	15
		F	–	–	–	–	–	–	3	1	–	–	4
B23	HIV disease resulting in other conditions	M	–	–	–	–	–	–	10	2	–	–	12
		F	–	–	–	–	–	–	2	2	–	–	4
B24	Unspecified HIV disease	M	–	–	–	–	–	–	6	3	–	–	9
		F	–	–	–	–	–	–	1	–	–	–	1
B34	Viral infection of unspecified site	M	–	–	–	–	–	–	–	–	3	2	5
		F	–	–	–	–	–	–	–	–	1	2	3
B90	Sequelae of tuberculosis	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	–	3	3
B91	Post polio syndrome	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	2	4	6
B94	Sequelae of other and unspecified infectious and parasitic diseases	M	–	–	–	–	–	–	–	3	2	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
C02	Malignant neoplasm of other and unspecified parts of tongue	M	–	–	–	–	–	1	–	8	9	3	21
		F	–	–	–	–	–	–	–	1	4	3	8
C06	Malignant neoplasm of other and unspecified parts of mouth	M	–	–	–	–	–	–	1	4	4	3	12
		F	–	–	–	–	–	–	–	1	–	3	4
C07	Malignant neoplasm of parotid gland	M	–	–	–	–	–	–	–	–	3	1	4
		F	–	–	–	–	–	–	–	1	1	–	2
C09	Malignant neoplasm of tonsil	M	–	–	–	–	–	–	–	7	3	2	12
		F	–	–	–	–	–	–	–	1	–	1	2
C10	Malignant neoplasm of oropharynx	M	–	–	–	–	–	–	–	3	2	1	6
		F	–	–	–	–	–	–	–	–	1	–	1
C11	Malignant neoplasm of nasopharynx	M	–	–	–	–	–	–	1	6	2	1	10
		F	–	–	–	–	–	1	2	2	3	3	11
C14	Malignant neoplasm of other & ill-defined sites in the lip, oral cavity and pharynx	M	–	–	–	–	–	–	1	9	4	1	15
		F	–	–	–	–	–	–	–	3	–	2	5
C15	Malignant neoplasm of esophagus	M	–	–	–	–	–	–	4	49	71	31	155
		F	–	–	–	–	–	–	–	9	23	26	58
C16	Malignant neoplasm of stomach	M	–	–	–	–	–	–	2	39	76	44	160
		F	–	–	–	–	–	1	6	11	27	31	76
C17	Malignant neoplasm of small intestine	M	–	–	–	–	–	–	–	1	4	5	10
		F	–	–	–	–	–	–	–	3	1	2	6
C18	Malignant neoplasm of colon	M	–	–	–	–	–	–	7	89	136	68	298
		F	–	–	–	–	–	–	5	65	93	127	290

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
C19	Malignant neoplasm of rectosigmoid junction	M	–	–	–	–	–	–	–	3	4	2	9
		F	–	–	–	–	–	–	–	1	5	3	9
C20	Malignant neoplasm of rectum	M	–	–	–	–	–	–	3	16	30	23	72
		F	–	–	–	–	–	–	3	15	13	19	50
C21	Malignant neoplasm of anus and anal canal	M	–	–	–	–	–	–	1	1	1	–	3
		F	–	–	–	–	–	–	–	1	2	1	4
C22	Malignant neoplasm of liver and intrahepatic bile ducts	M	–	–	–	–	–	–	12	53	64	21	150
		F	–	–	–	–	–	–	2	15	25	34	76
C23	Malignant neoplasm of gallbladder	M	–	–	–	–	–	–	–	–	7	4	11
		F	–	–	–	–	–	–	1	3	10	2	16
C24	Malignant neoplasm of other and unspecified parts of biliary tract	M	–	–	–	–	–	–	–	6	10	3	19
		F	–	–	–	–	–	–	–	3	5	8	16
C25	Malignant neoplasm of pancreas	M	–	–	–	–	–	–	5	48	111	54	218
		F	–	–	–	–	–	–	4	37	118	90	247
C26	Malignant neoplasm of other and ill-defined digestive organs	M	–	–	–	–	–	–	1	23	59	41	124
		F	–	–	–	–	–	–	1	13	23	53	90
C32	Malignant neoplasm of larynx	M	–	–	–	–	–	–	–	16	27	6	49
		F	–	–	–	–	–	–	1	2	4	1	8
C34	Malignant neoplasm of bronchus and lung	M	–	–	–	–	–	–	14	264	588	239	1105
		F	–	–	–	–	–	–	19	240	418	206	883
C41	Malignant neoplasm of bone & articular cartilage of other & unspecified sites	M	–	–	–	–	3	–	4	3	5	1	16
		F	–	–	–	–	–	–	1	4	2	2	9
C43	Malignant melanoma of skin	M	–	–	–	–	–	1	3	21	25	15	65
		F	–	–	–	–	–	–	6	10	9	9	34
C44	Other malignant neoplasms of skin	M	–	–	–	–	–	–	–	3	5	5	13
		F	–	–	–	–	–	–	–	2	1	3	6
C45	Mesothelioma	M	–	–	–	–	–	–	–	13	19	7	39
		F	–	–	–	–	–	–	–	–	3	2	5
C48	Malignant neoplasm of peritoneum and retroperitoneum	M	–	–	–	–	–	–	–	1	–	–	1
		F	–	–	–	–	–	–	–	2	6	2	10
C49	Malignant neoplasm of other connective and soft tissue	M	–	–	–	–	1	–	4	4	10	7	26
		F	–	–	–	–	–	1	2	6	10	4	23
C50	Malignant neoplasm of breast	M	–	–	–	–	–	–	–	2	3	1	6
		F	–	–	–	–	–	–	43	209	192	156	600
C51	Malignant neoplasm of vulva	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	3	3	3	9
C52	Malignant neoplasm of vagina	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	2	2	3	7
C53	Malignant neoplasm of cervix uteri	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	13	14	8	10	45
C54	Malignant neoplasm of corpus uteri	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	4	16	11	31
C55	Malignant neoplasm of uterus, part unspecified	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	1	15	13	15	44
C56	Malignant neoplasm of ovary	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	6	47	81	50	184
C61	Malignant neoplasm of prostate	M	–	–	–	–	–	–	–	26	240	271	537
		F	–	–	–	–	–	–	–	–	–	–	–
C64	Malignant neoplasm of kidney, except renal pelvis	M	–	–	–	–	–	–	–	34	45	20	99
		F	–	1	–	1	–	–	–	9	25	24	60
C66	Malignant neoplasm of ureter	M	–	–	–	–	–	–	–	–	3	1	4
		F	–	–	–	–	–	–	–	1	–	1	2
C67	Malignant neoplasm of bladder	M	–	–	–	–	–	–	–	24	57	46	127
		F	–	–	–	–	–	–	–	4	28	27	59
C71	Malignant neoplasm of brain	M	–	–	2	2	1	3	9	38	37	12	104
		F	–	–	1	2	1	–	9	35	34	16	98
C73	Malignant neoplasm of thyroid gland	M	–	–	–	–	–	–	–	2	2	2	6
		F	–	–	–	–	–	–	–	2	3	5	10
C74	Malignant neoplasm of adrenal gland	M	–	–	1	–	–	–	–	–	4	–	5
		F	–	–	–	–	–	–	–	–	1	–	1
C75	Malignant neoplasm of other endocrine glands & related structures	M	–	–	–	–	–	–	1	1	1	1	4
		F	–	–	–	–	–	–	–	–	1	–	1

Note: Only causes with five or more deaths are shown.

APPENDIX 2
DETAILED CAUSE OF DEATH BY GENDER AND AGE
BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
A04	Other bacterial intestinal infections	M	–	–	–	–	–	–	–	–	3	2	5
		F	–	–	–	–	–	–	–	–	6	8	14
A08	Viral and other specified intestinal infections	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	1	–	3	4
A16	Respiratory tuberculosis	M	–	–	–	–	–	–	1	1	4	4	10
		F	–	–	–	–	–	–	–	2	2	2	6
A39	Meningococcal infection	M	–	–	–	–	–	1	–	–	–	–	1
		F	–	1	1	–	–	–	1	–	1	–	4
A40	Streptococcal septicemia	M	1	–	–	–	–	–	1	–	–	1	3
		F	–	1	–	–	–	–	–	–	1	3	5
A41	Other septicemia	M	–	–	–	–	–	–	5	8	24	27	64
		F	–	–	–	–	–	–	2	7	14	32	55
A49	Bacterial infection of unspecified site	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	–	1	–	1
A81	Atypical virus infections of central nervous system	M	–	–	–	–	–	–	–	1	1	–	2
		F	–	–	–	–	–	–	–	2	2	–	4
B02	Zoster [herpes zoster]	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	–	5	5
B16	Acute hepatitis B	M	–	–	–	–	–	–	–	3	1	–	4
		F	–	–	–	–	–	–	–	1	1	1	3
B18	Chronic viral hepatitis	M	–	–	–	–	–	–	5	39	7	4	55
		F	–	–	–	–	–	–	1	3	14	4	22
B20	HIV resulting in infectious and parasitic diseases	M	–	–	–	–	–	–	20	22	2	–	44
		F	–	–	–	–	–	–	7	4	–	–	11
B21	HIV resulting in malignant neoplasms	M	–	–	–	–	–	–	5	3	1	–	9
		F	–	–	–	–	–	–	–	–	–	–	–
B22	HIV resulting in other specified diseases	M	–	–	–	–	–	–	8	6	1	–	15
		F	–	–	–	–	–	–	3	1	–	–	4
B23	HIV disease resulting in other conditions	M	–	–	–	–	–	–	10	2	–	–	12
		F	–	–	–	–	–	–	2	2	–	–	4
B24	Unspecified HIV disease	M	–	–	–	–	–	–	6	3	–	–	9
		F	–	–	–	–	–	–	1	–	–	–	1
B34	Viral infection of unspecified site	M	–	–	–	–	–	–	–	–	3	2	5
		F	–	–	–	–	–	–	–	–	1	2	3
B90	Sequelae of tuberculosis	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	–	3	3
B91	Post polio syndrome	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	2	4	6
B94	Sequelae of other and unspecified infectious and parasitic diseases	M	–	–	–	–	–	–	–	3	2	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
C02	Malignant neoplasm of other and unspecified parts of tongue	M	–	–	–	–	–	1	–	8	9	3	21
		F	–	–	–	–	–	–	–	1	4	3	8
C06	Malignant neoplasm of other and unspecified parts of mouth	M	–	–	–	–	–	–	1	4	4	3	12
		F	–	–	–	–	–	–	–	1	–	3	4
C07	Malignant neoplasm of parotid gland	M	–	–	–	–	–	–	–	–	3	1	4
		F	–	–	–	–	–	–	–	1	1	–	2
C09	Malignant neoplasm of tonsil	M	–	–	–	–	–	–	–	7	3	2	12
		F	–	–	–	–	–	–	–	1	–	1	2
C10	Malignant neoplasm of oropharynx	M	–	–	–	–	–	–	–	3	2	1	6
		F	–	–	–	–	–	–	–	–	1	–	1
C11	Malignant neoplasm of nasopharynx	M	–	–	–	–	–	–	1	6	2	1	10
		F	–	–	–	–	–	1	2	2	3	3	11
C14	Malignant neoplasm of other & ill-defined sitesin the lip, oral cavity and pharynx	M	–	–	–	–	–	–	1	9	4	1	15
		F	–	–	–	–	–	–	–	3	–	2	5
C15	Malignant neoplasm of esophagus	M	–	–	–	–	–	–	4	49	71	31	155
		F	–	–	–	–	–	–	–	9	23	26	58
C16	Malignant neoplasm of stomach	M	–	–	–	–	–	–	2	38	76	44	160
		F	–	–	–	–	–	1	6	11	27	31	76
C17	Malignant neoplasm of small intestine	M	–	–	–	–	–	–	–	1	4	5	10
		F	–	–	–	–	–	–	–	3	1	2	6
C18	Malignant neoplasm of colon	M	–	–	–	–	–	–	7	59	135	86	289
		F	–	–	–	–	–	–	5	53	95	127	280

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
C19	Malignant neoplasm of rectosigmoid junction	M	–	–	–	–	–	–	–	3	4	2	9
		F	–	–	–	–	–	–	–	1	5	3	9
C20	Malignant neoplasm of rectum	M	–	–	–	–	–	–	3	16	30	23	72
		F	–	–	–	–	–	–	3	15	13	19	50
C21	Malignant neoplasm of anus and anal canal	M	–	–	–	–	–	–	1	1	1	–	3
		F	–	–	–	–	–	–	–	1	2	1	4
C22	Malignant neoplasm of liver and intrahepatic bile ducts	M	–	–	–	–	–	–	12	53	64	21	150
		F	–	–	–	–	–	–	2	15	25	34	76
C23	Malignant neoplasm of gallbladder	M	–	–	–	–	–	–	–	–	7	4	11
		F	–	–	–	–	–	–	1	3	10	2	16
C24	Malignant neoplasm of other and unspecified parts of biliary tract	M	–	–	–	–	–	–	–	6	10	3	19
		F	–	–	–	–	–	–	–	3	5	8	16
C25	Malignant neoplasm of pancreas	M	–	–	–	–	–	–	5	46	111	54	216
		F	–	–	–	–	–	–	4	37	116	90	247
C26	Malignant neoplasm of other and ill-defined digestive organs	M	–	–	–	–	–	–	1	23	59	41	124
		F	–	–	–	–	–	–	1	13	23	53	90
C32	Malignant neoplasm of larynx	M	–	–	–	–	–	–	–	16	27	6	49
		F	–	–	–	–	–	–	1	2	4	1	8
C34	Malignant neoplasm of bronchus and lung	M	–	–	–	–	–	–	14	264	588	239	1105
		F	–	–	–	–	–	–	19	240	418	206	883
C41	Malignant neoplasm of bone & articular cartilage of other & unspecified sites	M	–	–	–	–	3	–	4	3	5	1	16
		F	–	–	–	–	–	–	1	4	2	2	9
C43	Malignant melanoma of skin	M	–	–	–	–	–	1	3	21	25	15	65
		F	–	–	–	–	–	–	6	10	9	9	34
C44	Other malignant neoplasms of skin	M	–	–	–	–	–	–	–	3	5	5	13
		F	–	–	–	–	–	–	–	2	1	3	6
C45	Mesothelioma	M	–	–	–	–	–	–	–	13	19	7	39
		F	–	–	–	–	–	–	–	–	3	2	5
C48	Malignant neoplasm of peritoneum and retroperitoneum	M	–	–	–	–	–	–	–	1	–	–	1
		F	–	–	–	–	–	–	–	2	6	2	10
C49	Malignant neoplasm of other connective and soft tissue	M	–	–	–	–	1	–	4	4	10	7	26
		F	–	–	–	–	–	1	2	6	10	4	23
C50	Malignant neoplasm of breast	M	–	–	–	–	–	–	–	2	3	1	6
		F	–	–	–	–	–	–	43	209	192	156	600
C51	Malignant neoplasm of vulva	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	3	3	3	9
C52	Malignant neoplasm of vagina	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	2	2	3	7
C53	Malignant neoplasm of cervix uteri	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	13	14	8	10	45
C54	Malignant neoplasm of corpus uteri	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	4	16	11	31
C55	Malignant neoplasm of uterus, part unspecified	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	1	15	13	15	44
C56	Malignant neoplasm of ovary	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	6	47	81	50	184
C61	Malignant neoplasm of prostate	M	–	–	–	–	–	–	–	26	240	271	537
		F	–	–	–	–	–	–	–	–	–	–	–
C64	Malignant neoplasm of kidney, except renal pelvis	M	–	–	–	–	–	–	–	34	45	20	99
		F	–	1	–	1	–	–	–	9	25	24	60
C66	Malignant neoplasm of ureter	M	–	–	–	–	–	–	–	–	3	1	4
		F	–	–	–	–	–	–	–	1	–	1	2
C67	Malignant neoplasm of bladder	M	–	–	–	–	–	–	–	24	57	46	127
		F	–	–	–	–	–	–	–	4	28	27	59
C71	Malignant neoplasm of brain	M	–	–	2	2	1	3	9	38	37	12	104
		F	–	–	1	2	1	–	9	35	34	16	98
C73	Malignant neoplasm of thyroid gland	M	–	–	–	–	–	–	–	2	2	2	6
		F	–	–	–	–	–	–	–	2	3	5	10
C74	Malignant neoplasm of adrenal gland	M	–	–	1	–	–	–	–	–	4	–	5
		F	–	–	–	–	–	–	–	–	1	–	1
C75	Malignant neoplasm of other endocrine glands & related structures	M	–	–	–	–	–	–	1	1	1	1	4
		F	–	–	–	–	–	–	–	–	1	–	1

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
C76	Malignant neoplasm of other and ill-defined sites	M	–	–	–	–	–	–	–	7	9	7	23
		F	–	–	–	–	–	–	1	3	7	8	19
C80	Malignant neoplasm – primary site unknown	M	–	–	–	–	1	–	8	30	90	47	176
		F	–	–	–	–	–	–	5	50	69	65	189
C81	Hodgkin's disease	M	–	–	–	–	1	–	1	–	1	1	4
		F	–	–	–	–	–	1	–	–	3	1	5
C83	Diffuse non-Hodgkin's lymphoma	M	–	–	–	1	–	–	1	7	7	8	24
		F	–	–	–	–	–	–	3	4	5	9	21
C84	Peripheral and cutaneous T-cell lymphomas	M	–	–	–	–	–	–	–	3	2	2	7
		F	–	–	–	–	–	–	1	1	2	–	4
C85	Other and unspecified types of non-Hodgkin's lymphoma	M	–	–	–	–	1	–	6	41	68	42	158
		F	–	–	–	–	–	–	2	23	41	36	102
C88	Malignant immunoproliferative diseases	M	–	–	–	–	–	–	–	2	1	1	4
		F	–	–	–	–	–	–	–	–	2	–	2
C90	Multiple myeloma and malignant plasma cell neoplasms	M	–	–	–	–	–	–	1	14	36	14	65
		F	–	–	–	–	–	–	1	7	25	25	58
C91	Lymphoid leukemia	M	–	–	–	–	2	1	–	7	23	20	53
		F	–	–	–	–	–	–	1	2	12	15	30
C92	Myeloid leukemia	M	–	–	–	–	–	–	4	10	30	13	57
		F	1	1	–	–	1	–	5	11	12	14	45
C95	Leukemia of unspecified cell type	M	–	–	–	1	–	–	–	8	22	9	40
		F	–	–	–	–	1	–	–	6	10	11	28
C96	Other & unspec. malig. neoplasms of lymphoid, hematopoietic & rel. tissue	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	1	2	–	3
D32	Benign neoplasm of meninges	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	–	–	–	–	4	4
D37	Neoplasm of uncer./unk. behaviour of oral cavity & digestive organs	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	2	2	4
D38	Neoplasm of uncert./unk. behaviour of mid. ear, resp. & intrathoracic organs	M	–	–	–	–	–	–	–	1	3	3	7
		F	–	–	–	–	–	–	–	–	1	1	2
D43	Neoplasm of uncer./unk. behaviour of brain and central nervous system	M	–	–	–	–	–	1	4	8	11	8	32
		F	–	–	–	1	–	–	2	7	4	4	18
D44	Neoplasm of uncertain/unknown behaviour of endocrine glands	M	–	–	–	–	–	–	1	2	1	–	4
		F	–	–	–	1	–	–	–	1	1	–	3
D45	Polycythemia vera	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	2	1	3
D46	Myelodysplastic syndromes	M	–	–	–	–	–	–	1	5	20	20	46
		F	–	–	–	–	–	–	1	1	12	16	30
D47	Neoplasm of uncer./unk. behaviour of lymphoid, hematopoietic & rel. tissue	M	–	–	–	–	–	–	–	3	3	9	15
		F	–	–	–	–	–	–	–	2	5	7	14
D48	Neoplasm of uncer./unk. behaviour of other and unspecified sites	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	2	3	5
D61	Other aplastic anemias	M	–	–	–	1	–	–	–	1	2	2	6
		F	–	–	–	–	–	–	–	1	1	4	6
D64	Other anemias	M	–	–	–	–	–	–	–	1	1	6	8
		F	–	–	–	–	–	–	–	–	–	13	13
D65	Disseminated intravascular coagulation [defibrination syndrome]	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	1	–	2	3
D68	Other coagulation defects	M	–	–	–	–	–	–	–	–	1	2	3
		F	–	–	–	–	–	–	–	–	–	2	2
D69	Purpura and other hemorrhagic conditions	M	–	–	–	–	1	–	–	–	3	2	6
		F	–	–	–	–	–	–	–	–	3	3	6
D86	Sarcoidosis	M	–	–	–	–	–	–	1	3	1	–	5
		F	–	–	–	–	–	–	–	–	1	1	2
E03	Other hypothyroidism	M	–	–	–	–	–	–	–	–	1	4	5
		F	–	–	–	–	–	–	–	1	–	3	4
E10	Insulin-dependent diabetes mellitus	M	–	–	–	–	–	1	4	13	19	7	44
		F	–	–	–	–	–	–	–	7	12	18	37
E11	Non-insulin-dependent diabetes mellitus	M	–	–	–	–	–	–	–	6	13	21	40
		F	–	–	–	–	–	–	1	1	15	22	39
E14	Diabetes mellitus NOS	M	–	–	–	–	–	1	6	49	139	118	313
		F	–	–	–	–	–	–	5	25	103	178	311

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
E27	Other disorders of adrenal gland	M	–	–	–	–	–	–	–	1	1	1	3
		F	–	–	–	–	–	–	–	1	–	4	5
E46	Unspecified protein-energy malnutrition	M	–	–	–	–	–	–	–	–	4	6	10
		F	–	–	–	–	–	–	–	–	2	7	9
E63	Other nutritional deficiencies	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	8	8
E66	Obesity	M	–	–	–	–	–	1	1	3	3	–	8
		F	–	–	–	–	–	–	–	1	3	3	7
E78	Disorders of lipoprotein metabolism and other lipidemias	M	–	–	–	–	–	–	1	4	12	6	23
		F	–	–	–	–	–	–	–	–	5	4	9
E84	Cystic fibrosis	M	–	–	–	–	1	1	2	1	1	–	6
		F	–	–	–	–	1	1	–	–	–	–	2
E85	Amyloidosis	M	–	–	–	–	–	–	–	4	–	1	5
		F	–	–	–	–	–	–	–	–	5	1	6
E86	Volume depletion	M	–	–	–	–	–	–	–	1	3	11	15
		F	–	–	–	–	–	–	–	–	2	25	27
E87	Other disorders of fluid, electrolyte and acid-base balance	M	–	–	–	–	–	–	1	–	4	7	12
		F	–	–	–	–	–	–	–	1	4	6	11
E88	Other metabolic disorders	M	–	–	–	–	–	–	–	1	3	2	6
		F	–	–	–	–	–	–	–	2	1	1	4
F01	Vascular dementia	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	2	7	9
F03	Unspecified dementia	M	–	–	–	–	–	–	–	3	30	120	153
		F	–	–	–	–	–	–	–	2	44	285	331
F05	Delirium, not induced by alcohol and other psychoactive substances	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	1	1	2	4
F06	Oth. mental disord. due to brain damage & dysfunction & to phys. dis.	M	–	–	–	–	–	–	–	1	–	1	2
		F	–	–	–	–	–	–	–	–	2	5	7
F10	Mental and behavioural disorders due to use of alcohol	M	–	–	–	–	–	–	8	39	29	6	82
		F	–	–	–	–	–	–	3	8	7	6	24
F14	Use of cocaine	M	–	–	–	–	–	1	2	2	–	–	5
		F	–	–	–	–	–	–	1	–	–	–	1
F20	Schizophrenia	M	–	–	–	–	–	–	–	–	2	2	4
		F	–	–	–	–	–	–	–	–	1	3	4
F32	Depressive episode	M	–	–	–	–	–	–	–	1	–	3	4
		F	–	–	–	–	–	–	–	–	–	2	2
F33	Recurrent depressive disorder	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	1	7	8
F50	Eating disorders	M	–	–	–	–	–	–	1	–	–	2	3
		F	–	–	–	–	–	1	2	–	–	4	7
G03	Meningitis due to other and unspecified causes	M	1	–	–	–	–	–	–	3	2	1	7
		F	–	–	–	–	–	–	–	1	–	–	1
G10	Huntington's disease	M	–	–	–	–	–	–	2	4	1	–	7
		F	–	–	–	–	–	–	2	2	1	–	5
G12	Spinal muscular atrophy and related syndromes	M	–	–	–	–	–	–	2	20	29	11	62
		F	1	–	–	–	–	–	–	9	17	11	38
G20	Parkinson's disease	M	–	–	–	–	–	–	–	4	36	78	118
		F	–	–	–	–	–	–	–	4	28	51	83
G23	Other degenerative diseases of basal ganglia	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	1	–	–	–	1	2
G30	Alzheimer's disease	M	–	–	–	–	–	–	–	8	56	114	178
		F	–	–	–	–	–	–	–	–	60	313	373
G31	Other degenerative diseases of nervous system, NEC	M	–	–	–	–	–	–	–	1	14	7	22
		F	–	–	–	1	–	–	–	3	9	9	22
G35	Multiple sclerosis	M	–	–	–	–	–	–	2	11	13	1	27
		F	–	–	–	–	–	–	6	15	8	6	35
G40	Epilepsy	M	–	–	–	–	–	1	3	2	2	–	8
		F	–	–	–	–	–	–	1	2	1	1	5
G41	Status epilepticus	M	–	–	–	–	–	–	1	1	2	–	4
		F	–	–	–	–	–	–	1	–	1	–	2
G45	Transient cerebral ischemic attacks and related syndromes	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	–	–	2	2

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
C76	Malignant neoplasm of other and ill-defined sites	M	–	–	–	–	–	–	–	7	9	7	23
		F	–	–	–	–	–	–	1	3	7	8	19
C80	Malignant neoplasm – primary site unknown	M	–	–	–	–	1	–	8	30	90	47	176
		F	–	–	–	–	–	–	5	50	69	65	189
C81	Hodgkin's disease	M	–	–	–	–	1	–	1	–	1	1	4
		F	–	–	–	–	–	1	–	–	3	1	5
C83	Diffuse non-Hodgkin's lymphoma	M	–	–	–	1	–	–	1	7	7	8	24
		F	–	–	–	–	–	–	3	4	5	9	21
C84	Peripheral and cutaneous T-cell lymphomas	M	–	–	–	–	–	–	–	3	2	2	7
		F	–	–	–	–	–	–	1	1	2	–	4
C85	Other and unspecified types of non-Hodgkin's lymphoma	M	–	–	–	–	1	–	6	41	68	42	158
		F	–	–	–	–	–	–	2	23	41	36	102
C88	Malignant immunoproliferative diseases	M	–	–	–	–	–	–	–	2	1	1	4
		F	–	–	–	–	–	–	–	–	2	–	2
C90	Multiple myeloma and malignant plasma cell neoplasms	M	–	–	–	–	–	–	1	14	36	14	65
		F	–	–	–	–	–	–	1	7	25	25	58
C91	Lymphoid leukemia	M	–	–	–	–	2	1	–	7	23	20	53
		F	–	–	–	–	–	–	1	2	12	15	30
C92	Myeloid leukemia	M	–	–	–	–	–	–	4	10	30	13	57
		F	1	1	–	–	1	–	5	11	12	14	45
C95	Leukemia of unspecified cell type	M	–	–	–	1	–	–	–	8	22	9	40
		F	–	–	–	–	1	–	–	6	10	11	28
C96	Other & unspec. malig. neoplasms of lymphoid, hematopoietic & rel. tissue	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	1	2	–	3
D32	Benign neoplasm of meninges	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	–	–	–	–	4	4
D37	Neoplasm of uncer./unk. behaviour of oral cavity & digestive organs	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	2	2	4
D38	Neoplasm of uncert./unk. behaviour of mid. ear, resp. & intrathoracic organs	M	–	–	–	–	–	–	–	1	3	3	7
		F	–	–	–	–	–	–	–	–	1	1	2
D43	Neoplasm of uncer./unk. behaviour of brain and central nervous system	M	–	–	–	–	–	1	4	8	11	8	32
		F	–	–	–	1	–	–	2	7	4	4	18
D44	Neoplasm of uncertain/unknown behaviour of endocrine glands	M	–	–	–	–	–	–	1	2	1	–	4
		F	–	–	–	1	–	–	–	1	1	–	3
D45	Polycythemia vera	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	2	1	3
D46	Myelodysplastic syndromes	M	–	–	–	–	–	–	1	5	20	20	46
		F	–	–	–	–	–	–	1	1	12	16	30
D47	Neoplasm of uncer./unk. behaviour of lymphoid, hematopoietic & rel. tissue	M	–	–	–	–	–	–	–	3	3	9	15
		F	–	–	–	–	–	–	–	2	5	7	14
D48	Neoplasm of uncer./unk. behaviour of other and unspecified sites	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	2	3	5
D61	Other aplastic anemias	M	–	–	–	1	–	–	–	1	2	2	6
		F	–	–	–	–	–	–	–	1	1	4	6
D64	Other anemias	M	–	–	–	–	–	–	–	1	1	6	8
		F	–	–	–	–	–	–	–	–	–	13	13
D65	Disseminated intravascular coagulation [defibrination syndrome]	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	1	–	2	3
D68	Other coagulation defects	M	–	–	–	–	–	–	–	–	1	2	3
		F	–	–	–	–	–	–	–	–	–	2	2
D69	Purpura and other hemorrhagic conditions	M	–	–	–	–	1	–	–	–	3	2	6
		F	–	–	–	–	–	–	–	–	3	3	6
D86	Sarcoidosis	M	–	–	–	–	–	–	1	3	1	–	5
		F	–	–	–	–	–	–	–	–	1	1	2
E03	Other hypothyroidism	M	–	–	–	–	–	–	–	–	1	4	5
		F	–	–	–	–	–	–	–	1	–	3	4
E10	Insulin-dependent diabetes mellitus	M	–	–	–	–	–	1	4	13	19	7	44
		F	–	–	–	–	–	–	–	7	12	18	37
E11	Non-insulin-dependent diabetes mellitus	M	–	–	–	–	–	–	–	6	13	21	40
		F	–	–	–	–	–	–	1	1	15	22	39
E14	Diabetes mellitus NOS	M	–	–	–	–	–	1	6	40	189	116	313
		F	–	–	–	–	–	–	5	25	103	178	311

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
E27	Other disorders of adrenal gland	M	–	–	–	–	–	–	–	1	1	1	3
		F	–	–	–	–	–	–	–	1	–	4	5
E46	Unspecified protein-energy malnutrition	M	–	–	–	–	–	–	–	–	4	6	10
		F	–	–	–	–	–	–	–	–	2	7	9
E63	Other nutritional deficiencies	M	–	–	–	–	–	–	–	–	–	–	–
		F	–	–	–	–	–	–	–	–	–	8	8
E66	Obesity	M	–	–	–	–	–	1	1	3	3	–	8
		F	–	–	–	–	–	–	–	1	3	3	7
E78	Disorders of lipoprotein metabolism and other lipidemias	M	–	–	–	–	–	–	1	4	12	6	23
		F	–	–	–	–	–	–	–	–	5	4	9
E84	Cystic fibrosis	M	–	–	–	–	1	1	2	1	1	–	6
		F	–	–	–	–	1	1	–	–	–	–	2
E85	Amyloidosis	M	–	–	–	–	–	–	–	4	–	1	5
		F	–	–	–	–	–	–	–	–	5	1	6
E86	Volume depletion	M	–	–	–	–	–	–	–	1	3	11	15
		F	–	–	–	–	–	–	–	–	2	25	27
E87	Other disorders of fluid, electrolyte and acid-base balance	M	–	–	–	–	–	–	1	–	4	7	12
		F	–	–	–	–	–	–	–	1	4	6	11
E88	Other metabolic disorders	M	–	–	–	–	–	–	–	1	3	2	6
		F	–	–	–	–	–	–	–	2	1	1	4
F01	Vascular dementia	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	2	7	9
F03	Unspecified dementia	M	–	–	–	–	–	–	–	3	30	120	153
		F	–	–	–	–	–	–	–	2	44	285	331
F05	Delirium, not induced by alcohol and other psychoactive substances	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	1	1	2	4
F06	Oth. mental disord. due to brain damage & dysfunction & to phys. dis.	M	–	–	–	–	–	–	–	1	–	1	2
		F	–	–	–	–	–	–	–	–	2	5	7
F10	Mental and behavioural disorders due to use of alcohol	M	–	–	–	–	–	–	8	39	29	6	82
		F	–	–	–	–	–	–	3	8	7	6	24
F14	Use of cocaine	M	–	–	–	–	–	1	2	2	–	–	5
		F	–	–	–	–	–	–	1	–	–	–	1
F20	Schizophrenia	M	–	–	–	–	–	–	–	–	2	2	4
		F	–	–	–	–	–	–	–	–	1	3	4
F32	Depressive episode	M	–	–	–	–	–	–	–	1	–	3	4
		F	–	–	–	–	–	–	–	–	–	2	2
F33	Recurrent depressive disorder	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	1	7	8
F50	Eating disorders	M	–	–	–	–	–	–	1	–	–	2	3
		F	–	–	–	–	–	1	2	–	–	4	7
G03	Meningitis due to other and unspecified causes	M	1	–	–	–	–	–	–	3	2	1	7
		F	–	–	–	–	–	–	–	1	–	–	1
G10	Huntington's disease	M	–	–	–	–	–	–	2	4	1	–	7
		F	–	–	–	–	–	–	2	2	1	–	5
G12	Spinal muscular atrophy and related syndromes	M	–	–	–	–	–	–	2	20	29	11	62
		F	1	–	–	–	–	–	–	9	17	11	38
G20	Parkinson's disease	M	–	–	–	–	–	–	–	4	36	78	118
		F	–	–	–	–	–	–	–	4	28	51	83
G23	Other degenerative diseases of basal ganglia	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	1	–	–	–	1	2
G30	Alzheimer's disease	M	–	–	–	–	–	–	–	8	56	114	178
		F	–	–	–	–	–	–	–	–	60	313	373
G31	Other degenerative diseases of nervous system, NEC	M	–	–	–	–	–	–	–	1	14	7	22
		F	–	–	–	1	–	–	–	3	9	9	22
G35	Multiple sclerosis	M	–	–	–	–	–	–	2	11	13	1	27
		F	–	–	–	–	–	–	6	15	8	6	35
G40	Epilepsy	M	–	–	–	–	–	1	3	2	2	–	8
		F	–	–	–	–	–	–	1	2	1	1	5
G41	Status epilepticus	M	–	–	–	–	–	–	1	1	2	–	4
		F	–	–	–	–	–	–	1	–	1	–	2
G45	Transient cerebral ischemic attacks and related syndromes	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	–	–	2	2

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
G61	Inflammatory polyneuropathy	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	2	4	6
G70	Other myoneural disorders	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	–	2	2
G71	Primary disorders of muscles	M	–	–	–	1	1	1	2	2	–	1	8
		F	1	–	–	–	–	–	–	2	1	1	5
G80	Infantile cerebral palsy	M	–	–	–	2	–	–	–	1	1	–	4
		F	1	–	–	–	–	1	3	–	2	–	7
G81	Hemiplegia	M	–	–	–	–	–	–	–	–	2	3	5
		F	–	–	–	–	–	–	–	–	–	2	2
G82	Paraplegia and tetraplegia	M	–	–	–	–	–	–	2	2	4	–	8
		F	–	–	–	–	–	–	–	1	2	–	3
G91	Hydrocephalus (acquired)	M	–	–	–	–	–	–	–	1	3	1	5
		F	–	–	–	–	–	–	–	1	1	5	7
G93	Other disorders of brain	M	–	–	–	–	–	–	3	6	7	6	22
		F	–	–	–	–	–	1	3	3	8	–	15
G95	Other diseases of spinal cord	M	–	–	–	–	–	–	–	1	–	2	3
		F	–	–	–	–	–	–	–	–	3	1	4
I05	Rheumatic mitral valve diseases	M	–	–	–	–	–	–	1	2	2	3	8
		F	–	–	–	–	–	–	–	3	7	16	26
I08	Multiple valve diseases	M	–	–	–	–	–	–	–	–	3	2	5
		F	–	–	–	–	–	–	–	–	1	–	1
I09	Other rheumatic heart diseases	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	1	3	2	6
I10	Essential (primary) hypertension	M	–	–	–	–	–	–	–	2	9	15	26
		F	–	–	–	–	–	–	–	–	5	33	38
I11	Hypertensive heart disease	M	–	–	–	–	–	–	1	8	12	14	35
		F	–	–	–	–	–	–	2	1	5	44	52
I12	Hypertensive renal disease	M	–	–	–	–	–	–	–	–	2	18	20
		F	–	–	–	–	–	–	1	4	5	14	24
I13	Hypertensive heart and renal disease	M	–	–	–	–	–	–	–	1	3	2	6
		F	–	–	–	–	–	–	–	1	2	4	7
I20	Angina pectoris	M	–	–	–	–	–	–	–	1	–	2	3
		F	–	–	–	–	–	–	–	–	1	2	3
I21	Acute MI	M	–	–	–	–	–	–	18	225	593	591	1427
		F	–	–	–	–	–	–	3	51	324	651	1029
I24	Other acute ischemic heart diseases	M	–	–	–	–	–	–	–	3	8	8	19
		F	–	–	–	–	–	–	–	1	4	5	10
I25	Chronic ischemic heart disease	M	–	–	–	–	–	–	17	193	501	634	1345
		F	–	–	–	–	–	–	3	40	241	795	1079
I26	Pulmonary embolism	M	–	–	–	–	–	–	4	10	17	12	43
		F	–	–	–	–	1	–	2	12	11	14	40
I27	Other pulmonary heart diseases	M	–	1	–	–	–	–	1	1	3	2	8
		F	–	–	–	–	–	–	3	–	1	4	8
I31	Other diseases of pericardium	M	–	–	–	–	–	–	–	1	2	–	3
		F	–	–	–	–	–	–	–	–	2	1	3
I33	Acute and subacute endocarditis	M	–	–	–	–	–	–	5	2	6	2	15
		F	–	–	–	–	–	–	1	2	1	–	4
I34	Nonrheumatic mitral valve disorders	M	–	–	–	–	–	–	–	1	3	12	16
		F	–	–	–	–	–	–	–	–	9	15	24
I35	Nonrheumatic aortic valve disorders	M	–	–	–	–	–	–	–	8	17	44	69
		F	–	–	–	–	–	–	–	3	11	60	74
I38	Endocarditis	M	–	–	–	–	–	–	2	2	12	23	39
		F	–	–	–	–	–	–	1	3	5	30	39
I42	Cardiomyopathy	M	–	1	–	–	1	1	5	37	41	35	121
		F	–	1	–	–	–	–	2	12	13	15	43
I46	Cardiac arrest	M	–	–	–	–	–	–	–	2	8	8	18
		F	–	–	–	–	–	–	–	2	9	22	33
I48	Atrial fibrillation and flutter	M	–	–	–	–	–	–	–	5	27	45	77
		F	–	–	–	–	–	–	–	–	22	106	128
I49	Other cardiac arrhythmias	M	–	–	–	1	1	–	2	6	18	16	44
		F	–	–	–	–	–	–	1	2	8	24	36

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years)										Total
			<1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	
I50	Heart failure	M	–	–	–	–	–	–	–	12	69	185	266
		F	–	–	–	–	–	–	–	7	72	375	454
I51	Complications and ill-defined descriptions of heart disease	M	–	–	–	–	1	–	2	8	10	23	44
		F	–	–	–	–	1	–	1	3	10	34	49
I60	Subarachnoid hemorrhage	M	–	–	–	–	–	–	4	10	8	2	24
		F	–	–	–	–	–	1	2	32	19	10	64
I61	Intracerebral hemorrhage	M	–	–	–	–	–	–	4	25	40	37	106
		F	–	–	–	–	–	–	1	10	36	53	100
I62	Other nontraumatic intracranial hemorrhage	M	–	–	–	–	–	–	–	6	12	14	32
		F	–	–	–	–	–	–	–	4	8	20	32
I63	Cerebral infarction	M	–	–	–	–	–	–	–	7	18	39	64
		F	–	–	–	–	–	–	–	2	13	68	83
I64	CVA, NOS	M	–	–	–	–	–	–	–	26	180	343	549
		F	–	–	–	–	–	–	1	11	164	692	868
I67	Other cerebrovascular diseases	M	–	–	–	–	–	–	–	2	27	51	80
		F	–	–	–	–	–	–	1	1	13	96	111
I69	Sequelae of cerebrovascular disease	M	–	–	–	–	–	–	–	3	22	42	67
		F	–	–	–	–	–	–	–	2	21	65	88
I70	Atherosclerosis	M	–	–	–	–	–	–	–	–	25	44	69
		F	–	–	–	–	–	–	1	2	5	64	72
I71	Aortic aneurysm and dissection	M	–	–	–	–	–	–	3	14	76	57	150
		F	–	–	–	–	–	–	–	5	36	54	95
I72	Other aneurysm	M	–	–	–	–	–	–	–	3	6	3	12
		F	–	–	–	–	–	–	–	–	2	1	3
I73	Other peripheral vascular diseases	M	–	–	–	–	–	–	–	4	22	20	46
		F	–	–	–	–	–	–	–	2	12	29	43
I74	Arterial embolism and thrombosis	M	–	–	–	–	–	–	–	–	2	3	5
		F	–	–	–	–	–	–	1	1	1	3	6
I77	Other disorders of arteries and arterioles	M	–	–	–	–	–	–	–	2	6	7	15
		F	–	–	–	–	–	–	–	1	4	6	11
I80	Phlebitis and thrombophlebitis	M	–	–	–	–	–	–	1	5	6	1	13
		F	–	–	–	–	–	–	–	1	4	4	9
I99	Other and unspecified disorders of circulatory system	M	–	–	–	–	–	–	–	1	3	1	5
		F	–	–	–	–	–	–	–	–	–	3	3
J11	Influenza, virus not identified	M	–	–	–	–	–	–	–	1	4	8	13
		F	–	–	–	–	–	–	–	–	3	12	15
J15	Bacterial pneumonia, NEC	M	–	–	1	–	–	–	1	3	2	–	7
		F	–	–	–	–	–	–	–	1	2	–	3
J18	Pneumonia, organism unspecified	M	1	–	–	–	–	–	4	27	128	345	505
		F	–	–	–	–	1	–	5	13	86	515	620
J22	Unspecified acute lower respiratory infection	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	2	4	6
J40	Bronchitis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	3	–	3
		F	–	–	–	–	–	–	–	–	1	1	2
J42	Unspecified chronic bronchitis	M	–	–	–	–	–	–	–	–	5	3	8
		F	–	–	–	–	–	–	–	–	–	4	4
J43	Emphysema	M	–	–	–	–	–	–	–	6	42	29	77
		F	–	–	–	–	–	–	–	3	14	15	32
J44	Other chronic obstructive pulmonary disease	M	–	–	–	–	–	–	1	31	262	300	594
		F	–	–	–	–	–	–	–	20	180	280	480
J45	Asthma	M	–	–	–	–	–	–	2	4	6	8	20
		F	–	–	–	–	–	–	1	–	5	29	35
J47	Bronchiectasis	M	–	–	–	–	–	–	–	–	–	5	5
		F	–	–	–	–	–	–	–	1	7	6	14
J61	Pneumoconiosis due to asbestos and other mineral fibres	M	–	–	–	–	–	–	–	–	4	1	5
		F	–	–	–	–	–	–	–	–	–	–	–
J69	Aspiration pneumonia due to solids and liquids	M	–	–	–	–	–	–	–	3	7	27	37
		F	–	–	–	–	–	–	–	2	6	25	33
J80	Adult respiratory distress syndrome	M	–	–	–	–	–	–	1	2	4	2	9
		F	–	–	–	–	–	–	1	2	2	–	5
J84	Other interstitial pulmonary diseases	M	–	–	–	–	–	1	–	12	49	48	110
		F	–	–	–	–	–	–	–	9	31	32	72

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
G61	Inflammatory polyneuropathy	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	2	4	6
G70	Other myoneural disorders	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	–	2	2
G71	Primary disorders of muscles	M	–	–	–	1	1	1	2	2	–	1	8
		F	1	–	–	–	–	–	–	2	1	1	5
G80	Infantile cerebral palsy	M	–	–	–	2	–	–	–	1	1	–	4
		F	1	–	–	–	–	1	3	–	2	–	7
G81	Hemiplegia	M	–	–	–	–	–	–	–	–	2	3	5
		F	–	–	–	–	–	–	–	–	–	2	2
G82	Paraplegia and tetraplegia	M	–	–	–	–	–	–	2	2	4	–	8
		F	–	–	–	–	–	–	–	1	2	–	3
G91	Hydrocephalus (acquired)	M	–	–	–	–	–	–	–	1	3	1	5
		F	–	–	–	–	–	–	–	1	1	5	7
G93	Other disorders of brain	M	–	–	–	–	–	–	3	6	7	6	22
		F	–	–	–	–	–	1	3	3	8	–	15
G95	Other diseases of spinal cord	M	–	–	–	–	–	–	–	1	–	2	3
		F	–	–	–	–	–	–	–	–	3	1	4
I05	Rheumatic mitral valve diseases	M	–	–	–	–	–	–	1	2	2	3	8
		F	–	–	–	–	–	–	–	3	7	16	26
I08	Multiple valve diseases	M	–	–	–	–	–	–	–	–	3	2	5
		F	–	–	–	–	–	–	–	–	1	–	1
I09	Other rheumatic heart diseases	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	1	3	2	6
I10	Essential (primary) hypertension	M	–	–	–	–	–	–	–	2	9	15	26
		F	–	–	–	–	–	–	–	–	5	33	38
I11	Hypertensive heart disease	M	–	–	–	–	–	–	1	8	12	14	35
		F	–	–	–	–	–	–	2	1	5	44	52
I12	Hypertensive renal disease	M	–	–	–	–	–	–	–	–	2	18	20
		F	–	–	–	–	–	–	1	4	5	14	24
I13	Hypertensive heart and renal disease	M	–	–	–	–	–	–	–	1	3	2	6
		F	–	–	–	–	–	–	–	1	2	4	7
I20	Angina pectoris	M	–	–	–	–	–	–	–	1	–	2	3
		F	–	–	–	–	–	–	–	–	1	2	3
I21	Acute MI	M	–	–	–	–	–	–	18	225	593	591	1427
		F	–	–	–	–	–	–	3	51	324	651	1029
I24	Other acute ischemic heart diseases	M	–	–	–	–	–	–	–	3	8	8	19
		F	–	–	–	–	–	–	–	1	4	5	10
I25	Chronic ischemic heart disease	M	–	–	–	–	–	–	17	193	501	634	1345
		F	–	–	–	–	–	–	3	40	241	795	1079
I26	Pulmonary embolism	M	–	–	–	–	–	–	4	10	17	12	43
		F	–	–	–	–	1	–	2	12	11	14	40
I27	Other pulmonary heart diseases	M	–	1	–	–	–	–	1	1	3	2	8
		F	–	–	–	–	–	–	3	–	1	4	8
I31	Other diseases of pericardium	M	–	–	–	–	–	–	–	1	2	–	3
		F	–	–	–	–	–	–	–	–	2	1	3
I33	Acute and subacute endocarditis	M	–	–	–	–	–	–	5	2	6	2	15
		F	–	–	–	–	–	–	1	2	1	–	4
I34	Nonrheumatic mitral valve disorders	M	–	–	–	–	–	–	–	1	3	12	16
		F	–	–	–	–	–	–	–	–	9	15	24
I35	Nonrheumatic aortic valve disorders	M	–	–	–	–	–	–	–	8	17	44	69
		F	–	–	–	–	–	–	–	3	11	60	74
I38	Endocarditis	M	–	–	–	–	–	–	2	2	12	23	39
		F	–	–	–	–	–	–	1	3	5	30	39
I42	Cardiomyopathy	M	–	1	–	–	1	1	5	37	41	35	121
		F	–	1	–	–	–	–	2	12	13	15	43
I46	Cardiac arrest	M	–	–	–	–	–	–	–	2	6	8	16
		F	–	–	–	–	–	–	–	2	9	22	33
I48	Atrial fibrillation and flutter	M	–	–	–	–	–	–	–	5	27	45	77
		F	–	–	–	–	–	–	–	–	22	106	128
I49	Other cardiac arrhythmias	M	–	–	–	1	1	–	2	6	18	16	44
		F	–	–	–	–	–	–	1	2	9	24	36

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
I50	Heart failure	M	–	–	–	–	–	–	–	12	69	185	266
		F	–	–	–	–	–	–	–	7	72	375	454
I51	Complications and ill-defined descriptions of heart disease	M	–	–	–	–	1	–	2	8	10	23	44
		F	–	–	–	–	1	–	1	3	10	34	49
I60	Subarachnoid hemorrhage	M	–	–	–	–	–	–	4	10	8	2	24
		F	–	–	–	–	–	1	2	32	19	10	64
I61	Intracerebral hemorrhage	M	–	–	–	–	–	–	4	25	40	37	106
		F	–	–	–	–	–	–	1	10	36	53	100
I62	Other nontraumatic intracranial hemorrhage	M	–	–	–	–	–	–	–	6	12	14	32
		F	–	–	–	–	–	–	–	4	8	20	32
I63	Cerebral infarction	M	–	–	–	–	–	–	–	7	18	39	64
		F	–	–	–	–	–	–	–	2	13	68	83
I64	CVA, NOS	M	–	–	–	–	–	–	–	26	180	343	549
		F	–	–	–	–	–	–	1	11	164	692	868
I67	Other cerebrovascular diseases	M	–	–	–	–	–	–	–	2	27	51	80
		F	–	–	–	–	–	–	1	1	13	96	111
I69	Sequelae of cerebrovascular disease	M	–	–	–	–	–	–	–	3	22	42	67
		F	–	–	–	–	–	–	–	2	21	65	88
I70	Atherosclerosis	M	–	–	–	–	–	–	–	–	25	44	69
		F	–	–	–	–	–	–	1	2	5	64	72
I71	Aortic aneurysm and dissection	M	–	–	–	–	–	–	3	14	76	57	150
		F	–	–	–	–	–	–	–	5	36	54	95
I72	Other aneurysm	M	–	–	–	–	–	–	–	3	6	3	12
		F	–	–	–	–	–	–	–	–	2	1	3
I73	Other peripheral vascular diseases	M	–	–	–	–	–	–	–	4	22	20	46
		F	–	–	–	–	–	–	–	2	12	29	43
I74	Arterial embolism and thrombosis	M	–	–	–	–	–	–	–	–	2	3	5
		F	–	–	–	–	–	–	1	1	1	3	6
I77	Other disorders of arteries and arterioles	M	–	–	–	–	–	–	–	2	6	7	15
		F	–	–	–	–	–	–	–	1	4	6	11
I80	Phlebitis and thrombophlebitis	M	–	–	–	–	–	–	1	5	6	1	13
		F	–	–	–	–	–	–	–	1	4	4	9
I99	Other and unspecified disorders of circulatory system	M	–	–	–	–	–	–	–	1	3	1	5
		F	–	–	–	–	–	–	–	–	–	3	3
J11	Influenza, virus not identified	M	–	–	–	–	–	–	–	1	4	8	13
		F	–	–	–	–	–	–	–	–	3	12	15
J15	Bacterial pneumonia, NEC	M	–	–	1	–	–	–	1	3	2	–	7
		F	–	–	–	–	–	–	–	1	2	–	3
J18	Pneumonia, organism unspecified	M	1	–	–	–	–	–	4	27	128	345	505
		F	–	–	–	–	1	–	5	13	86	515	620
J22	Unspecified acute lower respiratory infection	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	2	4	6
J40	Bronchitis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	3	–	3
		F	–	–	–	–	–	–	–	–	1	1	2
J42	Unspecified chronic bronchitis	M	–	–	–	–	–	–	–	–	5	3	8
		F	–	–	–	–	–	–	–	–	–	4	4
J43	Emphysema	M	–	–	–	–	–	–	–	6	42	29	77
		F	–	–	–	–	–	–	–	3	14	15	32
J44	Other chronic obstructive pulmonary disease	M	–	–	–	–	–	–	1	31	262	300	594
		F	–	–	–	–	–	–	–	20	180	290	490
J45	Asthma	M	–	–	–	–	–	–	2	4	6	8	20
		F	–	–	–	–	–	–	1	–	5	29	35
J47	Bronchiectasis	M	–	–	–	–	–	–	–	–	–	5	5
		F	–	–	–	–	–	–	–	1	7	6	14
J61	Pneumoconiosis due to asbestos and other mineral fibres	M	–	–	–	–	–	–	–	–	4	1	5
		F	–	–	–	–	–	–	–	–	–	–	–
J69	Aspiration pneumonia due to solids and liquids	M	–	–	–	–	–	–	–	3	7	27	37
		F	–	–	–	–	–	–	–	2	6	25	33
J80	Adult respiratory distress syndrome	M	–	–	–	–	–	–	1	2	4	2	9
		F	–	–	–	–	–	–	1	2	2	–	5
J84	Other interstitial pulmonary diseases	M	–	–	–	–	–	1	–	12	49	48	110
		F	–	–	–	–	–	–	–	9	31	32	72

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
J86	Pyothorax	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	1	1	1	3
J90	Pleural effusion, NEC	M	–	–	–	–	–	–	–	2	3	6	11
		F	–	–	–	–	–	–	–	–	1	3	4
J96	Respiratory failure, NEC	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	1	3	4
J98	Other respiratory disorders	M	–	–	–	–	–	–	–	1	4	7	12
		F	–	–	–	–	–	–	–	–	6	13	19
K21	Gastro–esophageal reflux disease	M	–	–	–	–	–	–	–	1	1	4	6
		F	–	–	–	–	–	1	–	–	1	2	4
K22	Other diseases of esophagus	M	–	–	–	–	–	–	1	4	5	4	14
		F	–	–	–	–	–	–	–	1	2	8	11
K25	Gastric ulcer	M	–	–	–	–	–	–	1	–	3	–	4
		F	–	–	–	–	–	–	–	2	3	5	10
K26	Duodenal ulcer	M	–	–	–	–	–	–	–	4	9	4	17
		F	–	–	–	–	–	–	2	1	7	5	15
K27	Peptic ulcer	M	–	–	–	–	–	–	–	4	8	8	20
		F	–	–	–	–	–	–	–	1	4	6	11
K29	Gastritis and duodenitis	M	–	–	–	–	–	–	1	1	2	4	8
		F	–	–	–	–	–	–	–	–	1	1	2
K31	Other diseases of stomach and duodenum	M	–	–	–	–	–	–	–	–	2	1	3
		F	–	–	–	–	–	–	–	–	3	3	6
K43	Ventral hernia	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	–	1	1	3	5
K44	Diaphragmatic hernia	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	1	2	3
K46	Unspecified abdominal hernia	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	1	2	3
K50	Crohn's disease	M	–	–	–	–	–	–	–	2	1	1	4
		F	–	–	–	–	–	–	–	1	2	2	5
K51	Ulcerative colitis	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	–	–	–	–	4	4
K52	Other noninfective gastroenteritis and colitis	M	–	–	–	–	–	–	–	–	4	5	9
		F	–	–	–	–	–	–	2	–	2	10	14
K55	Vascular disorders of intestine	M	–	–	–	–	–	–	–	5	8	17	30
		F	–	–	–	–	–	–	–	7	29	28	64
K56	Paralytic ileus and intestinal obstruction without hernia	M	–	–	–	–	–	–	1	3	7	21	32
		F	–	–	–	–	–	1	1	5	8	45	60
K57	Diverticular disease of intestine	M	–	–	–	–	–	–	–	3	5	11	19
		F	–	–	–	–	–	–	–	1	9	27	37
K59	Other functional intestinal disorders	M	–	–	–	–	–	–	–	1	–	1	2
		F	–	–	–	–	–	–	–	1	–	3	4
K62	Other diseases of anus and rectum	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	–	6	6
K63	Other diseases of intestine	M	–	–	–	–	–	–	1	–	2	5	8
		F	–	–	–	–	–	–	–	1	8	10	19
K65	Peritonitis	M	–	–	–	–	–	–	2	2	1	5	10
		F	–	–	–	–	–	–	–	–	3	3	6
K70	Alcoholic liver disease	M	–	–	–	–	–	–	15	58	29	5	107
		F	–	–	–	–	–	–	5	25	13	1	44
K72	Hepatic failure	M	–	–	–	–	–	–	–	8	9	1	18
		F	–	–	–	–	–	–	–	11	9	3	23
K74	Fibrosis and cirrhosis of liver	M	–	–	–	–	–	–	4	22	27	3	56
		F	–	–	–	–	–	–	1	18	25	8	52
K75	Other inflammatory liver diseases	M	–	–	–	–	–	–	1	–	1	4	6
		F	–	–	–	–	–	–	–	–	–	–	–
K76	Other diseases of liver	M	–	–	–	–	–	1	1	5	4	3	14
		F	–	–	–	–	–	–	2	2	3	2	9
K80	Cholelithiasis	M	–	–	–	–	–	–	–	–	3	6	9
		F	–	–	–	–	–	–	–	1	2	7	10
K81	Cholecystitis	M	–	–	–	–	–	–	–	–	3	4	7
		F	–	–	–	–	–	–	–	–	1	3	4

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
K82	Other diseases of gallbladder	M	–	–	–	–	–	–	–	1	–	2	3
		F	–	–	–	–	–	–	–	1	–	2	3
K83	Other diseases of biliary tract	M	–	–	–	–	–	–	–	2	5	2	9
		F	–	–	–	–	–	–	1	1	4	6	12
K85	Acute pancreatitis	M	–	–	–	–	–	–	3	3	5	6	17
		F	–	–	–	–	–	–	–	1	6	9	16
K86	Other diseases of pancreas	M	–	–	–	–	–	–	–	1	3	–	4
		F	–	–	–	–	–	–	–	2	2	1	5
K92	Other diseases of digestive system	M	–	–	–	–	–	–	1	13	24	28	66
		F	–	–	–	–	–	–	–	2	19	71	92
L03	Cellulitis	M	–	–	–	–	–	–	1	1	3	8	13
		F	–	–	–	–	–	–	–	–	1	3	4
L89	Decubitus ulcer	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	2	3	5
L97	Ulcer of lower limb, NEC	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	1	3	4
L98	Other disorders of skin and subcutaneous tissue, NEC	M	–	–	–	–	–	–	–	–	1	2	3
		F	–	–	–	–	–	–	–	–	2	1	3
M00	Pyogenic arthritis	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	–	–	3	3
M05	Seropositive rheumatoid arthritis	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	2	2	4
M06	Other rheumatoid arthritis	M	–	–	–	–	–	–	–	2	3	3	8
		F	–	–	–	–	–	–	–	2	6	6	14
M13	Other arthritis	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	–	3	3
M19	Other arthrosis	M	–	–	–	–	–	–	–	–	–	3	3
		F	–	–	–	–	–	–	–	–	–	11	11
M25	Other joint disorders, NEC	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	1	–	4	4	9
M30	Polyarteritis nodosa and related conditions	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	2	–	1	3
M31	Other necrotizing vasculopathies	M	–	–	–	–	–	–	–	1	1	3	5
		F	–	–	–	–	–	–	–	–	2	2	4
M32	Systemic lupus erythematosus	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	2	4	4	3	13
M33	Dermatopolymyositis	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	–	–	1	2	3
M34	Systemic sclerosis	M	–	–	–	–	–	–	–	4	5	–	9
		F	–	–	–	–	–	–	1	5	4	3	13
M35	Other systemic involvement of connective tissue	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	1	–	–	–	–	–	–	3	2	6
M51	Other intervertebral disc disorders	M	–	–	–	–	–	–	1	1	–	3	5
		F	–	–	–	–	–	–	–	–	–	–	–
M80	Osteoporosis with pathological fracture	M	–	–	–	–	–	–	–	–	2	1	3
		F	–	–	–	–	–	–	–	–	2	14	16
M81	Osteoporosis without pathological fracture	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	2	11	13
M84	Disorders of continuity of bone	M	–	–	–	–	–	–	–	–	–	3	3
		F	–	–	–	–	–	–	–	–	–	3	3
N04	Nephrotic syndrome	M	–	–	–	–	–	–	–	1	–	1	2
		F	–	–	–	–	–	–	–	–	–	3	3
N12	Tubulo-interstitial nephritis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	2	6	8
N13	Obstructive and reflux uropathy	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	–	1	2	3
N17	Acute renal failure	M	–	–	–	–	–	1	1	1	3	8	14
		F	–	–	–	–	–	–	–	5	5	7	17
N18	Chronic renal failure	M	–	–	–	–	–	–	2	5	12	32	51
		F	–	–	–	–	–	–	–	5	14	28	47
N19	Unspecified renal failure	M	–	–	–	–	–	–	2	5	44	67	118
		F	–	–	–	–	–	–	1	8	26	62	97

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
J86	Pyothorax	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	1	1	1	3
J90	Pleural effusion, NEC	M	–	–	–	–	–	–	–	2	3	6	11
		F	–	–	–	–	–	–	–	–	1	3	4
J96	Respiratory failure, NEC	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	1	3	4
J98	Other respiratory disorders	M	–	–	–	–	–	–	–	1	4	7	12
		F	–	–	–	–	–	–	–	–	6	13	19
K21	Gastro–esophageal reflux disease	M	–	–	–	–	–	–	–	1	1	4	6
		F	–	–	–	–	–	1	–	–	1	2	4
K22	Other diseases of esophagus	M	–	–	–	–	–	–	1	4	5	4	14
		F	–	–	–	–	–	–	–	1	2	8	11
K25	Gastric ulcer	M	–	–	–	–	–	–	1	–	3	–	4
		F	–	–	–	–	–	–	–	2	3	5	10
K26	Duodenal ulcer	M	–	–	–	–	–	–	–	4	9	4	17
		F	–	–	–	–	–	–	2	1	7	5	15
K27	Peptic ulcer	M	–	–	–	–	–	–	–	4	8	8	20
		F	–	–	–	–	–	–	–	1	4	6	11
K29	Gastritis and duodenitis	M	–	–	–	–	–	–	1	1	2	4	8
		F	–	–	–	–	–	–	–	–	1	1	2
K31	Other diseases of stomach and duodenum	M	–	–	–	–	–	–	–	–	2	1	3
		F	–	–	–	–	–	–	–	–	3	3	6
K43	Ventral hernia	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	–	1	1	3	5
K44	Diaphragmatic hernia	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	1	2	3
K46	Unspecified abdominal hernia	M	–	–	–	–	–	–	–	–	1	3	4
		F	–	–	–	–	–	–	–	–	1	2	3
K50	Crohn's disease	M	–	–	–	–	–	–	–	2	1	1	4
		F	–	–	–	–	–	–	–	1	2	2	5
K51	Ulcerative colitis	M	–	–	–	–	–	–	–	1	2	1	4
		F	–	–	–	–	–	–	–	–	–	4	4
K52	Other noninfective gastroenteritis and colitis	M	–	–	–	–	–	–	–	–	4	5	9
		F	–	–	–	–	–	–	2	–	2	10	14
K55	Vascular disorders of intestine	M	–	–	–	–	–	–	–	5	8	17	30
		F	–	–	–	–	–	–	–	7	29	28	64
K56	Paralytic ileus and intestinal obstruction without hernia	M	–	–	–	–	–	–	1	3	7	21	32
		F	–	–	–	–	–	1	1	5	8	45	60
K57	Diverticular disease of intestine	M	–	–	–	–	–	–	–	3	5	11	19
		F	–	–	–	–	–	–	–	1	9	27	37
K59	Other functional intestinal disorders	M	–	–	–	–	–	–	–	1	–	1	2
		F	–	–	–	–	–	–	–	1	–	3	4
K62	Other diseases of anus and rectum	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	–	6	6
K63	Other diseases of intestine	M	–	–	–	–	–	–	1	–	2	5	8
		F	–	–	–	–	–	–	–	1	8	10	19
K65	Peritonitis	M	–	–	–	–	–	–	2	2	1	5	10
		F	–	–	–	–	–	–	–	–	3	3	6
K70	Alcoholic liver disease	M	–	–	–	–	–	–	15	58	29	5	107
		F	–	–	–	–	–	–	5	25	13	1	44
K72	Hepatic failure	M	–	–	–	–	–	–	–	8	9	1	18
		F	–	–	–	–	–	–	–	11	9	3	23
K74	Fibrosis and cirrhosis of liver	M	–	–	–	–	–	–	4	22	27	3	56
		F	–	–	–	–	–	–	1	18	25	8	52
K75	Other inflammatory liver diseases	M	–	–	–	–	–	–	1	–	1	4	6
		F	–	–	–	–	–	–	–	–	–	–	–
K76	Other diseases of liver	M	–	–	–	–	–	1	1	5	4	3	14
		F	–	–	–	–	–	–	2	2	3	2	9
K80	Cholelithiasis	M	–	–	–	–	–	–	–	–	3	6	9
		F	–	–	–	–	–	–	–	1	2	7	10
K81	Cholecystitis	M	–	–	–	–	–	–	–	–	3	4	7
		F	–	–	–	–	–	–	–	–	1	3	4

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
K82	Other diseases of gallbladder	M	–	–	–	–	–	–	–	1	–	2	3
		F	–	–	–	–	–	–	–	1	–	2	3
K83	Other diseases of biliary tract	M	–	–	–	–	–	–	–	2	5	2	9
		F	–	–	–	–	–	–	1	1	4	6	12
K85	Acute pancreatitis	M	–	–	–	–	–	–	3	3	5	6	17
		F	–	–	–	–	–	–	–	1	6	9	16
K86	Other diseases of pancreas	M	–	–	–	–	–	–	–	1	3	–	4
		F	–	–	–	–	–	–	–	2	2	1	5
K92	Other diseases of digestive system	M	–	–	–	–	–	–	1	13	24	28	66
		F	–	–	–	–	–	–	–	2	19	71	92
L03	Cellulitis	M	–	–	–	–	–	–	1	1	3	8	13
		F	–	–	–	–	–	–	–	–	1	3	4
L89	Decubitus ulcer	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	2	3	5
L97	Ulcer of lower limb, NEC	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	1	3	4
L98	Other disorders of skin and subcutaneous tissue, NEC	M	–	–	–	–	–	–	–	–	1	2	3
		F	–	–	–	–	–	–	–	–	2	1	3
M00	Pyogenic arthritis	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	–	–	3	3
M05	Seropositive rheumatoid arthritis	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	2	2	4
M06	Other rheumatoid arthritis	M	–	–	–	–	–	–	–	2	3	3	8
		F	–	–	–	–	–	–	–	2	6	6	14
M13	Other arthritis	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	–	–	3	3
M19	Other arthrosis	M	–	–	–	–	–	–	–	–	–	3	3
		F	–	–	–	–	–	–	–	–	–	11	11
M25	Other joint disorders, NEC	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	1	–	4	4	9
M30	Polyarteritis nodosa and related conditions	M	–	–	–	–	–	–	–	–	1	1	2
		F	–	–	–	–	–	–	–	2	–	1	3
M31	Other necrotizing vasculopathies	M	–	–	–	–	–	–	–	1	1	3	5
		F	–	–	–	–	–	–	–	–	2	2	4
M32	Systemic lupus erythematosus	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	2	4	4	3	13
M33	Dermatopolymyositis	M	–	–	–	–	–	–	–	2	–	–	2
		F	–	–	–	–	–	–	–	–	1	2	3
M34	Systemic sclerosis	M	–	–	–	–	–	–	–	4	5	–	9
		F	–	–	–	–	–	–	1	5	4	3	13
M35	Other systemic involvement of connective tissue	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	1	–	–	–	–	–	–	3	2	6
M51	Other intervertebral disc disorders	M	–	–	–	–	–	–	1	1	–	3	5
		F	–	–	–	–	–	–	–	–	–	–	–
M80	Osteoporosis with pathological fracture	M	–	–	–	–	–	–	–	–	2	1	3
		F	–	–	–	–	–	–	–	–	2	14	16
M81	Osteoporosis without pathological fracture	M	–	–	–	–	–	–	–	–	–	2	2
		F	–	–	–	–	–	–	–	–	2	11	13
M84	Disorders of continuity of bone	M	–	–	–	–	–	–	–	–	–	3	3
		F	–	–	–	–	–	–	–	–	–	3	3
N04	Nephrotic syndrome	M	–	–	–	–	–	–	–	1	–	1	2
		F	–	–	–	–	–	–	–	–	–	3	3
N12	Tubulo-interstitial nephritis, not specified as acute or chronic	M	–	–	–	–	–	–	–	–	1	–	1
		F	–	–	–	–	–	–	–	–	2	6	8
N13	Obstructive and reflux uropathy	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	–	1	2	3
N17	Acute renal failure	M	–	–	–	–	–	1	1	1	3	8	14
		F	–	–	–	–	–	–	–	5	5	7	17
N18	Chronic renal failure	M	–	–	–	–	–	–	2	5	12	32	51
		F	–	–	–	–	–	–	–	5	14	28	47
N19	Unspecified renal failure	M	–	–	–	–	–	–	2	5	44	67	118
		F	–	–	–	–	–	–	1	8	28	62	97

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
N28	Other disorders of kidney and ureter, NEC	M	–	–	–	–	–	–	1	3	1	2	7
		F	–	–	–	–	–	–	–	1	3	1	5
N32	Other disorders of bladder	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	–	–	2	2
N39	Other disorders of urinary system	M	–	–	–	–	–	–	–	–	10	24	34
		F	–	–	–	–	–	–	–	2	15	55	72
N40	Prostatic hypertrophy	M	–	–	–	–	–	–	–	–	1	7	8
		F	–	–	–	–	–	–	–	–	–	–	–
P01	Fetus and newborn affected by maternal complications of pregnancy	M	12	–	–	–	–	–	–	–	–	–	12
		F	6	–	–	–	–	–	–	–	–	–	6
P02	Fetus & newborn affected by complic. of placenta, cord & membranes	M	5	–	–	–	–	–	–	–	–	–	5
		F	4	–	–	–	–	–	–	–	–	–	4
P03	Fetus and newborn affected by other complications of labour and delivery	M	3	–	–	–	–	–	–	–	–	–	3
		F	2	–	–	–	–	–	–	–	–	–	2
P07	Disorders related to short gestation and low birth weight, NEC	M	6	–	–	–	–	–	–	–	–	–	6
		F	5	–	–	–	–	–	–	–	–	–	5
P21	Birth asphyxia	M	2	–	–	–	–	–	–	–	–	–	2
		F	4	–	–	–	–	–	–	–	–	–	4
P27	Chronic respiratory disease originating in the perinatal period	M	3	–	–	–	–	–	–	–	–	1	4
		F	1	–	–	–	–	–	–	–	–	–	1
P28	Other respiratory conditions originating in the perinatal period	M	1	–	–	–	–	–	–	–	1	–	2
		F	3	–	–	–	–	–	–	–	–	–	3
P52	Intracranial nontraumatic hemorrhage of fetus and newborn	M	2	–	–	–	–	–	–	–	–	–	2
		F	4	–	–	–	–	–	–	–	–	–	4
Q00	Anencephaly and similar malformations	M	4	–	–	–	–	–	–	–	–	–	4
		F	2	–	–	–	–	–	–	–	–	–	2
Q04	Other congenital malformations of brain	M	1	–	–	1	–	–	1	–	–	–	3
		F	2	–	–	–	–	–	–	–	–	–	2
Q21	Congenital malformations of cardiac septa	M	2	–	–	–	–	–	–	2	1	–	5
		F	1	1	–	–	–	–	–	–	–	2	4
Q24	Other congenital malformations of heart	M	1	–	–	1	1	–	2	4	–	–	9
		F	2	–	1	–	2	1	–	1	–	1	8
Q28	Other congenital malformations of circulatory system	M	–	–	–	1	–	–	–	–	–	–	1
		F	–	1	1	–	–	–	2	–	–	–	4
Q61	Cystic kidney disease	M	–	–	–	–	–	–	–	1	1	1	3
		F	–	–	–	–	–	–	–	–	2	1	3
Q91	Edwards' syndrome and Patau's syndrome	M	2	1	–	–	–	–	–	–	–	–	3
		F	5	–	–	–	–	–	–	–	–	–	5
R09	Other symptoms & signs involving the circulatory & respiratory systems	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	–	2	9	11
R53	Malaise and fatigue	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	–	11	11
R54	Senility	M	–	–	–	–	–	–	–	–	–	10	10
		F	–	–	–	–	–	–	–	–	–	24	24
R68	Other general symptoms and signs	M	–	–	–	–	–	–	–	–	–	4	4
		F	–	–	–	–	–	–	–	–	–	8	8
R95	Sudden infant death syndrome	M	7	–	–	–	–	–	–	–	–	–	7
		F	3	1	–	–	–	–	–	–	–	–	4
R99	Other ill-defined and unspecified causes of mortality	M	5	2	2	5	19	30	167	140	63	31	484
		F	3	4	3	–	14	15	59	76	31	24	229
V03	Pedestrian injured in collision with car, pick-up truck or van	M	–	–	–	–	–	–	1	–	3	1	5
		F	–	–	1	–	–	–	–	2	1	–	4
V05	Pedestrian injured in collision with railway train or vehicle	M	–	–	–	–	1	1	3	1	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–
V09	Pedestrian injured in other and unspecified transport accident	M	–	–	–	–	2	1	1	3	6	4	17
		F	–	1	1	1	1	–	2	2	–	1	9
V27	Motorcycle rider injured in collision with fixed or stationary object	M	–	–	–	–	–	2	3	–	–	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
V28	Motorcycle rider injured in noncollision transport accident	M	–	–	–	–	–	1	3	2	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–
V29	Motorcycle rider injured in other and unspecified transport accidents	M	–	–	–	–	2	1	3	–	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
V43	Car occupant injured in collision with car, pick-up truck or van	M	–	–	–	–	–	3	3	4	5	–	15
		F	–	–	–	–	1	1	–	4	1	–	7
V44	Car occupant injured in collision with heavy transport vehicle or bus	M	–	–	–	1	–	1	3	2	–	–	7
		F	–	–	–	–	1	–	5	–	–	–	6
V47	Car occupant injured in collision with fixed or stationary object	M	–	–	1	–	3	2	3	1	–	–	10
		F	–	–	1	1	–	1	1	–	–	1	5
V48	Car occupant injured in noncollision transport	M	–	–	–	–	1	1	8	1	–	–	11
		F	–	–	–	–	–	–	1	–	2	–	3
V49	Car occupant injured in other and unspecified transport accidents	M	–	–	–	–	–	2	4	1	–	–	7
		F	–	–	–	–	1	–	–	1	–	–	2
V53	Occupant of pick-up truck/van injured in collision with car, pick-up truck/van	M	–	–	–	–	1	–	4	1	1	–	7
		F	–	–	–	–	–	–	1	–	–	–	1
V54	Occupant of pick-up truck/van injured in collision with heavy transp. vehicle/bus	M	–	–	–	–	–	1	–	2	–	–	3
		F	–	–	–	–	1	–	2	–	–	–	3
V58	Occupant of pick-up truck/van injured innoncollision transport accident	M	–	–	–	–	–	1	5	3	3	–	12
		F	–	–	–	–	1	–	1	–	–	–	2
V84	Occup. of special vehicle mainly used in agric. injured in transp. accident	M	–	–	–	–	–	–	2	1	2	1	6
		F	–	–	–	–	–	–	–	–	–	–	–
V86	Occup. of special A.T./other mtr veh. for off-road use, injured in transp. acc.	M	–	1	–	1	1	–	4	1	1	–	9
		F	–	–	1	–	1	–	1	–	–	–	3
V87	Traffic of specified type but victim's mode of transport unknown	M	–	–	2	1	3	7	14	7	3	–	37
		F	–	–	–	–	6	6	5	7	–	3	27
V89	Motor/nonmotor-vehicle acc., type of vehicle unspecified	M	–	–	–	–	1	11	10	5	4	2	33
		F	–	–	–	–	5	2	3	3	2	2	17
V90	Accident to watercraft causing drowning and submersion	M	–	–	–	–	3	2	3	3	–	–	11
		F	–	–	–	–	–	–	–	–	–	–	–
V92	Water-transport-related drowning/ submersion w/o acc. to craft	M	–	–	–	–	–	–	4	3	–	–	7
		F	–	–	–	–	–	–	–	–	–	–	–
V95	Accident to powered aircraft causing injury to occupant	M	–	–	–	–	–	–	7	6	1	–	15
		F	–	–	–	–	–	–	1	–	–	–	1
W01	Fall on same level from slipping, tripping and stumbling	M	–	–	–	–	–	–	–	–	–	4	4
		F	–	–	–	–	–	–	–	–	1	3	4
W06	Fall involving bed	M	–	–	–	–	–	–	–	1	1	3	5
		F	–	–	–	–	–	–	–	–	1	6	7
W10	Fall on and from stairs and steps	M	–	–	–	–	–	–	3	5	2	4	14
		F	–	–	–	–	–	–	–	–	2	5	7
W13	Fall from, out of or through building or structure	M	–	–	–	1	–	1	5	5	–	–	12
		F	–	–	–	–	–	–	–	1	–	1	2
W18	Other fall on same level	M	–	–	–	–	–	1	–	2	–	3	6
		F	–	–	–	–	–	–	–	–	1	5	6
W19	Unspecified fall	M	–	–	–	1	1	–	1	7	15	72	97
		F	–	–	–	–	–	–	–	3	19	92	114
W20	Struck by thrown, projected or falling object	M	–	–	1	–	1	–	6	6	–	–	14
		F	–	–	–	–	–	–	–	1	–	–	1
W23	Caught, crushed, jammed or pinched in or between objects	M	–	–	–	–	–	–	2	2	1	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
W34	Discharge from other and unspecified firearms	M	–	–	–	–	–	–	1	4	–	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
W69	Drowning and submersion while in natural water	M	–	–	–	–	3	1	1	1	–	–	6
		F	–	–	–	–	–	–	–	1	–	–	1
W70	Drowning and submersion following fall into natural water	M	–	–	–	–	–	–	1	5	1	–	7
		F	–	–	–	–	–	–	–	1	–	–	1
W74	Unspecified drowning and submersion	M	–	1	–	–	2	2	3	4	–	–	12
		F	–	–	–	–	–	1	–	–	–	–	1
W80	Inhalation & ingestion of other objects causing obstruction of respiratory tract	M	–	–	–	–	–	–	–	–	4	1	5
		F	–	–	–	–	–	–	–	–	2	4	6
W84	Unspecified threat to breathing	M	1	–	–	–	–	–	–	3	–	–	4
		F	–	–	–	–	–	–	–	1	–	–	1
X00	Exposure to uncontrolled fire in building or structure	M	–	1	–	1	–	–	2	5	3	–	12
		F	–	–	1	2	–	–	2	–	2	1	8
X31	Exposure to excessive natural cold	M	–	–	–	–	–	–	2	–	1	–	3
		F	–	–	–	–	–	–	2	2	1	–	5

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
N28	Other disorders of kidney and ureter, NEC	M	–	–	–	–	–	–	1	3	1	2	7
		F	–	–	–	–	–	–	–	1	3	1	5
N32	Other disorders of bladder	M	–	–	–	–	–	–	–	1	1	2	4
		F	–	–	–	–	–	–	–	–	–	2	2
N39	Other disorders of urinary system	M	–	–	–	–	–	–	–	–	10	24	34
		F	–	–	–	–	–	–	–	2	15	55	72
N40	Prostatic hypertrophy	M	–	–	–	–	–	–	–	–	1	7	8
		F	–	–	–	–	–	–	–	–	–	–	–
P01	Fetus and newborn affected by maternal complications of pregnancy	M	12	–	–	–	–	–	–	–	–	–	12
		F	6	–	–	–	–	–	–	–	–	–	6
P02	Fetus & newborn affected by complic. of placenta, cord & membranes	M	5	–	–	–	–	–	–	–	–	–	5
		F	4	–	–	–	–	–	–	–	–	–	4
P03	Fetus and newborn affected by other complications of labour and delivery	M	3	–	–	–	–	–	–	–	–	–	3
		F	2	–	–	–	–	–	–	–	–	–	2
P07	Disorders related to short gestation and low birth weight, NEC	M	6	–	–	–	–	–	–	–	–	–	6
		F	5	–	–	–	–	–	–	–	–	–	5
P21	Birth asphyxia	M	2	–	–	–	–	–	–	–	–	–	2
		F	4	–	–	–	–	–	–	–	–	–	4
P27	Chronic respiratory disease originating in the perinatal period	M	3	–	–	–	–	–	–	–	–	1	4
		F	1	–	–	–	–	–	–	–	–	–	1
P28	Other respiratory conditions originating in the perinatal period	M	1	–	–	–	–	–	–	–	1	–	2
		F	3	–	–	–	–	–	–	–	–	–	3
P52	Intracranial nontraumatic hemorrhage of fetus and newborn	M	2	–	–	–	–	–	–	–	–	–	2
		F	4	–	–	–	–	–	–	–	–	–	4
Q00	Anencephaly and similar malformations	M	4	–	–	–	–	–	–	–	–	–	4
		F	2	–	–	–	–	–	–	–	–	–	2
Q04	Other congenital malformations of brain	M	1	–	–	1	–	–	1	–	–	–	3
		F	2	–	–	–	–	–	–	–	–	–	2
Q21	Congenital malformations of cardiac septa	M	2	–	–	–	–	–	–	2	1	–	5
		F	1	1	–	–	–	–	–	–	–	2	4
Q24	Other congenital malformations of heart	M	1	–	–	1	1	–	2	4	–	–	9
		F	2	–	1	–	2	1	–	1	–	1	8
Q28	Other congenital malformations of circulatory system	M	–	–	–	1	–	–	–	–	–	–	1
		F	–	1	1	–	–	–	2	–	–	–	4
Q61	Cystic kidney disease	M	–	–	–	–	–	–	–	1	1	1	3
		F	–	–	–	–	–	–	–	–	2	1	3
Q91	Edwards' syndrome and Patau's syndrome	M	2	1	–	–	–	–	–	–	–	–	3
		F	5	–	–	–	–	–	–	–	–	–	5
R09	Other symptoms & signs involving the circulatory & respiratory systems	M	–	–	–	–	–	–	–	–	2	–	2
		F	–	–	–	–	–	–	–	–	2	9	11
R53	Malaise and fatigue	M	–	–	–	–	–	–	–	–	–	1	1
		F	–	–	–	–	–	–	–	–	–	11	11
R54	Senility	M	–	–	–	–	–	–	–	–	–	10	10
		F	–	–	–	–	–	–	–	–	–	24	24
R68	Other general symptoms and signs	M	–	–	–	–	–	–	–	–	–	4	4
		F	–	–	–	–	–	–	–	–	–	8	8
R95	Sudden infant death syndrome	M	7	–	–	–	–	–	–	–	–	–	7
		F	3	1	–	–	–	–	–	–	–	–	4
R99	Other ill-defined and unspecified causes of mortality	M	5	2	2	5	19	30	167	140	63	31	464
		F	3	4	3	–	14	15	59	76	31	24	229
V03	Pedestrian injured in collision with car, pick-up truck or van	M	–	–	–	–	–	–	1	–	3	1	5
		F	–	–	1	–	–	–	–	2	1	–	4
V05	Pedestrian injured in collision with railway train or vehicle	M	–	–	–	–	1	1	3	1	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–
V09	Pedestrian injured in other and unspecified transport accident	M	–	–	–	–	2	1	1	3	6	4	17
		F	–	1	1	1	1	–	2	2	–	1	9
V27	Motorcycle rider injured in collision with fixed or stationary object	M	–	–	–	–	–	2	3	–	–	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
V28	Motorcycle rider injured in noncollision transport accident	M	–	–	–	–	–	1	3	2	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–
V29	Motorcycle rider injured in other and unspecified transport accidents	M	–	–	–	–	2	1	3	–	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
V43	Car occupant injured in collision with car, pick-up truck or van	M	–	–	–	–	–	3	3	4	5	–	15
		F	–	–	–	–	1	1	–	4	1	–	7
V44	Car occupant injured in collision with heavy transport vehicle or bus	M	–	–	–	1	–	1	3	2	–	–	7
		F	–	–	–	–	1	–	5	–	–	–	6
V47	Car occupant injured in collision with fixed or stationary object	M	–	–	1	–	3	2	3	1	–	–	10
		F	–	–	1	1	–	1	1	–	–	1	5
V48	Car occupant injured in noncollision transport	M	–	–	–	–	1	1	8	1	–	–	11
		F	–	–	–	–	–	–	1	–	2	–	3
V49	Car occupant injured in other and unspecified transport accidents	M	–	–	–	–	–	2	4	1	–	–	7
		F	–	–	–	–	1	–	–	1	–	–	2
V53	Occupant of pick-up truck/van injured in collision with car, pick-up truck/van	M	–	–	–	–	1	–	4	1	1	–	7
		F	–	–	–	–	–	–	1	–	–	–	1
V54	Occupant of pick-up truck/van injured in collision with heavy transp. vehicle/bus	M	–	–	–	–	–	1	–	2	–	–	3
		F	–	–	–	–	1	–	2	–	–	–	3
V58	Occupant of pick-up truck/van injured innoncollision transport accident	M	–	–	–	–	–	1	5	3	3	–	12
		F	–	–	–	–	1	–	1	–	–	–	2
V84	Occup. of special vehicle mainly used in agric. injured in transp. accident	M	–	–	–	–	–	–	2	1	2	1	6
		F	–	–	–	–	–	–	–	–	–	–	–
V86	Occup. of special A.T./other mtr veh. for off-road use, injured in transp. acc.	M	–	1	–	1	1	–	4	1	1	–	9
		F	–	–	1	–	1	–	1	–	–	–	3
V87	Traffic of specified type but victim's mode of transport unknown	M	–	–	2	1	3	7	14	7	3	–	37
		F	–	–	–	–	6	6	5	7	–	3	27
V89	Motor/nonmotor-vehicle acc., type of vehicle unspecified	M	–	–	–	–	1	11	10	5	4	2	33
		F	–	–	–	–	5	2	3	3	2	2	17
V90	Accident to watercraft causing drowning and submersion	M	–	–	–	–	3	2	3	3	–	–	11
		F	–	–	–	–	–	–	–	–	–	–	–
V92	Water-transport-related drowning/ submersion w/o acc. to craft	M	–	–	–	–	–	–	4	3	–	–	7
		F	–	–	–	–	–	–	–	–	–	–	–
V95	Accident to powered aircraft causing injury to occupant	M	–	–	–	–	–	1	7	6	1	–	15
		F	–	–	–	–	–	–	1	–	–	–	1
W01	Fall on same level from slipping, tripping and stumbling	M	–	–	–	–	–	–	–	–	–	4	4
		F	–	–	–	–	–	–	–	–	1	3	4
W06	Fall involving bed	M	–	–	–	–	–	–	–	1	1	3	5
		F	–	–	–	–	–	–	–	–	1	6	7
W10	Fall on and from stairs and steps	M	–	–	–	–	–	–	3	5	2	4	14
		F	–	–	–	–	–	–	–	–	2	5	7
W13	Fall from, out of or through building or structure	M	–	–	–	1	–	1	5	5	–	–	12
		F	–	–	–	–	–	–	–	1	–	1	2
W18	Other fall on same level	M	–	–	–	–	–	1	–	2	–	3	6
		F	–	–	–	–	–	–	–	–	1	5	6
W19	Unspecified fall	M	–	–	–	1	1	–	1	7	15	72	97
		F	–	–	–	–	–	–	–	3	19	92	114
W20	Struck by thrown, projected or falling object	M	–	–	1	–	1	–	6	6	–	–	14
		F	–	–	–	–	–	–	–	1	–	–	1
W23	Caught, crushed, jammed or pinched in or between objects	M	–	–	–	–	–	–	2	2	1	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
W34	Discharge from other and unspecified firearms	M	–	–	–	–	–	–	1	4	–	–	5
		F	–	–	–	–	–	–	–	–	–	–	–
W69	Drowning and submersion while in natural water	M	–	–	–	–	3	1	1	1	–	–	6
		F	–	–	–	–	–	–	–	1	–	–	1
W70	Drowning and submersion following fall into natural water	M	–	–	–	–	–	–	1	5	1	–	7
		F	–	–	–	–	–	–	–	1	–	–	1
W74	Unspecified drowning and submersion	M	–	1	–	–	2	2	3	4	–	–	12
		F	–	–	–	–	–	1	–	–	–	–	1
W80	Inhalation & ingestion of other objects causing obstruction of respiratory tract	M	–	–	–	–	–	–	–	–	4	1	5
		F	–	–	–	–	–	–	–	–	2	4	6
W84	Unspecified threat to breathing	M	1	–	–	–	–	–	–	3	–	–	4
		F	–	–	–	–	–	–	–	1	–	–	1
X00	Exposure to uncontrolled fire in building or structure	M	–	1	–	1	–	–	2	5	3	–	12
		F	–	–	1	2	–	–	2	–	2	1	8
X31	Exposure to excessive natural cold	M	–	–	–	–	–	–	2	–	1	–	3
		F	–	–	–	–	–	–	2	2	1	–	5

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
X40	Acc. poisoning by & exp. to nonopioid analgesics, antipyretics & antirheumatics	M	–	–	–	–	–	–	1	1	–	–	2
		F	–	–	–	–	–	–	1	1	1	–	3
X41	Acc. pois. by/exp. to antiepilep., sed.-hypn., antiparkinson & psychotropic drugs, NEC	M	–	–	–	–	–	–	2	4	–	–	6
		F	–	–	–	–	–	1	3	1	–	–	5
X42	Acc. pois. by & exp. to narcotics & psychodysleptics [hallucinogens], NEC	M	–	–	–	1	–	8	90	40	2	–	141
		F	–	–	–	–	3	3	20	8	–	–	34
X44	Acc. pois. by & exp. to other & unspec. drugs, medicaments & biolo. substances	M	–	–	–	–	–	1	9	7	–	2	19
		F	–	–	–	–	–	–	5	4	2	–	11
X45	Accidental poisoning by and exposure to alcohol	M	–	–	–	–	1	–	1	4	2	–	8
		F	–	–	–	–	–	–	4	2	–	–	6
X59	Exposure to unspecified factor	M	–	–	–	–	–	–	–	1	1	1	3
		F	–	–	–	–	–	–	–	–	1	12	13
X61	Suicide by antiepileptic, sed.-hypno., antiparkins & psychotropic drugs, NEC	M	–	–	–	–	–	–	1	1	1	1	4
		F	–	–	–	–	–	–	5	6	3	1	15
X62	Suicide by narcotics and psychodysleptics [hallucinogens], NEC	M	–	–	–	–	–	–	5	4	–	–	9
		F	–	–	–	–	–	–	3	1	–	–	4
X64	Suicide by other & unspecified drugs, medicaments & biological substances	M	–	–	–	–	–	–	5	5	1	–	11
		F	–	–	–	–	–	–	6	7	1	–	14
X67	Suicide by other gases and vapours	M	–	–	–	–	–	2	9	10	–	–	21
		F	–	–	–	–	–	–	1	3	–	–	4
X70	Suicide by hanging, strangulation and suffocation	M	–	–	–	2	2	5	34	31	4	1	79
		F	–	–	–	–	–	1	6	5	–	1	13
X71	Suicide by drowning and submersion	M	–	–	–	–	–	–	1	2	–	1	4
		F	–	–	–	–	–	–	–	2	–	–	2
X73	Suicide by rifle, shotgun and larger firearm discharge	M	–	–	–	–	–	1	3	2	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–
X74	Suicide by other and unspecified firearm discharge	M	–	–	–	–	2	4	20	20	11	5	62
		F	–	–	–	–	–	–	1	3	1	–	5
X78	Suicide by sharp object	M	–	–	–	–	–	–	7	3	1	–	11
		F	–	–	–	–	–	–	–	1	1	–	2
X80	Suicide by jumping from a high place	M	–	–	–	–	–	1	6	6	1	–	14
		F	–	–	–	–	–	–	3	2	–	1	6
X81	Suicide by jumping or lying before moving object	M	–	–	–	–	1	–	2	–	1	–	4
		F	–	–	–	–	–	–	1	1	–	–	2
X95	Assault by other and unspecified firearm discharge	M	–	–	–	–	–	4	1	–	–	–	5
		F	–	–	–	–	–	–	1	–	–	–	1
X99	Assault by sharp object	M	–	–	–	–	–	1	2	1	–	–	4
		F	–	–	–	–	–	–	2	–	–	–	2
Y09	Assault by unspecified means	M	–	–	–	–	–	–	4	1	–	–	5
		F	–	–	–	–	1	–	1	–	–	–	2
Y14	Pois. by other & unspec. drugs, medic. & biolo. sub., undeter. intent	M	–	–	–	–	–	–	1	–	–	–	1
		F	–	–	–	–	–	1	3	–	–	–	4
Y83	Surg. oper. & othr. surg. proc. causing abno. reac. or later compl., w/out misadv.	M	–	–	–	–	–	–	1	1	1	–	3
		F	–	–	–	–	–	–	–	–	–	2	2
Y86	Sequelae of other accidents	M	–	–	–	–	–	–	1	1	–	1	3
		F	–	–	–	–	–	1	–	–	–	3	4
	Total Deaths	M	86	12	11	29	73	131	867	2,602	5,346	5,504	14,661
		F	73	18	14	11	47	53	424	1,610	3,707	7,546	13,503

Note: The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above. Causes with less than five deaths are not shown separately, but are included in the total. Non-residents and unknown gender are excluded.

Note: Only causes with five or more deaths are shown.

APPENDIX 2 – *continued*

DETAILED CAUSE OF DEATH BY GENDER AND AGE

BRITISH COLUMBIA, 2001

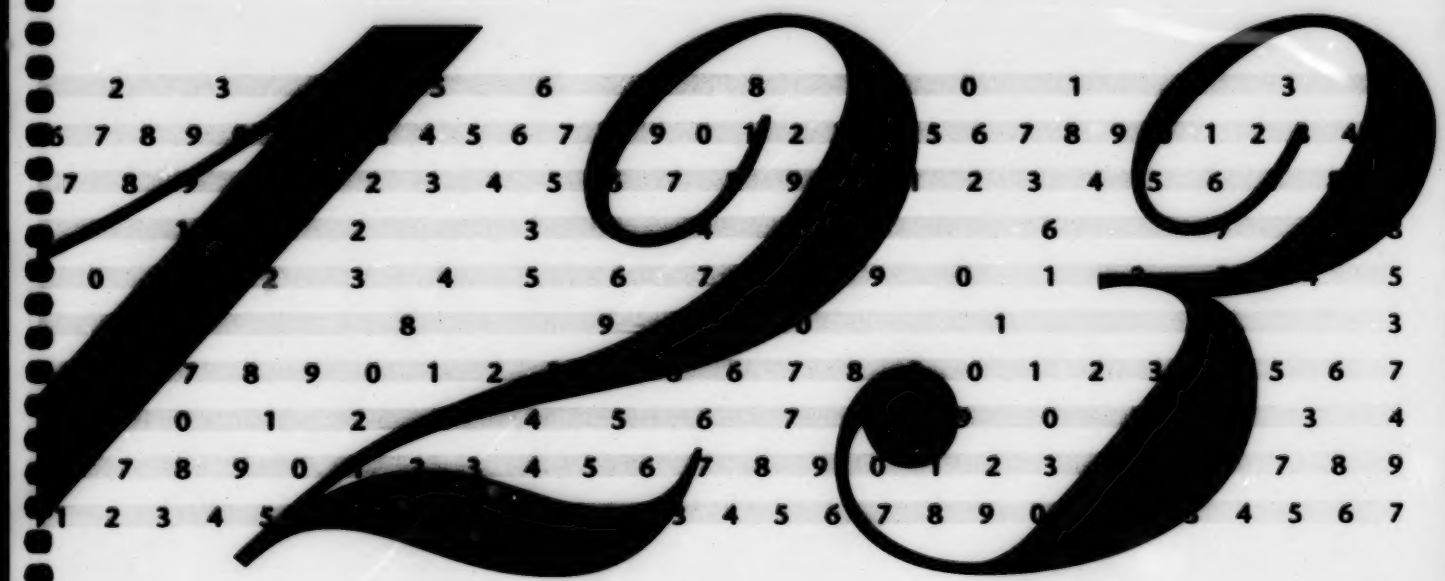
ICD-10	Cause of Death	Gender	Age of Deceased (in Years) <1	1–4	5–9	10–14	15–19	20–24	25–44	45–64	65–79	80+	Total
X40	Acc. poisoning by & exp. to nonopioid analgesics, antipyretics & antirheumatics	M	–	–	–	–	–	–	1	1	–	–	2
		F	–	–	–	–	–	–	1	1	1	–	3
X41	Acc. pois. by/exp. to antiepilep., sed.-hypn., antiparkinson & psychotropic drugs, NEC	M	–	–	–	–	–	–	2	4	–	–	6
		F	–	–	–	–	–	1	3	1	–	–	5
X42	Acc. pois. by & exp. to narcotics & psychodysleptics [hallucinogens], NEC	M	–	–	–	1	–	8	88	40	3	–	141
		F	–	–	–	–	3	3	20	8	–	–	34
X44	Acc. pois. by & exp. to other & unspec. drugs, medicaments & biolo. substances	M	–	–	–	–	–	1	9	7	–	2	19
		F	–	–	–	–	–	–	5	4	2	–	11
X45	Accidental poisoning by and exposure to alcohol	M	–	–	–	–	1	–	1	4	3	–	9
		F	–	–	–	–	–	–	4	2	–	–	6
X59	Exposure to unspecified factor	M	–	–	–	–	–	–	–	1	1	1	3
		F	–	–	–	–	–	–	–	–	1	12	13
X61	Suicide by antiepileptic, sed.-hypno., antiparkins & psychotropic drugs, NEC	M	–	–	–	–	–	–	1	1	1	1	4
		F	–	–	–	–	–	–	5	6	3	1	15
X62	Suicide by narcotics and psychodysleptics [hallucinogens], NEC	M	–	–	–	–	–	–	5	4	–	–	9
		F	–	–	–	–	–	–	3	1	–	–	4
X64	Suicide by other & unspecified drugs, medicaments & biological substances	M	–	–	–	–	–	–	5	5	1	–	11
		F	–	–	–	–	–	–	6	7	1	–	14
X67	Suicide by other gases and vapours	M	–	–	–	–	–	2	9	10	–	–	21
		F	–	–	–	–	–	–	1	3	–	–	4
X70	Suicide by hanging, strangulation and suffocation	M	–	–	–	2	2	5	34	31	4	1	79
		F	–	–	–	–	–	1	6	5	–	1	13
X71	Suicide by drowning and submersion	M	–	–	–	–	–	–	1	2	–	1	4
		F	–	–	–	–	–	–	–	2	–	–	2
X73	Suicide by rifle, shotgun and larger firearm discharge	M	–	–	–	–	–	1	3	2	–	–	6
		F	–	–	–	–	–	–	–	–	–	–	–
X74	Suicide by other and unspecified firearm discharge	M	–	–	–	–	2	4	20	20	11	5	62
		F	–	–	–	–	–	–	1	3	1	–	5
X78	Suicide by sharp object	M	–	–	–	–	–	–	7	3	1	–	11
		F	–	–	–	–	–	–	–	1	1	–	2
X80	Suicide by jumping from a high place	M	–	–	–	–	–	1	6	6	1	–	14
		F	–	–	–	–	–	–	3	2	–	1	6
X81	Suicide by jumping or lying before moving object	M	–	–	–	–	1	–	2	–	1	–	4
		F	–	–	–	–	–	–	1	1	–	–	2
X95	Assault by other and unspecified firearm discharge	M	–	–	–	–	–	4	1	–	–	–	5
		F	–	–	–	–	–	–	1	–	–	–	1
X99	Assault by sharp object	M	–	–	–	–	–	1	2	1	–	–	4
		F	–	–	–	–	–	–	2	–	–	–	2
Y09	Assault by unspecified means	M	–	–	–	–	–	–	4	1	–	–	5
		F	–	–	–	–	1	–	1	–	–	–	2
Y14	Pois. by other & unspec. drugs, medic. & biolo. sub., undeter. intent	M	–	–	–	–	–	–	1	–	–	–	1
		F	–	–	–	–	–	1	3	–	–	–	4
Y83	Surg. oper. & othr. surg. proc. causing abno. reac. or later compl., w/out misadv.	M	–	–	–	–	–	–	1	1	1	–	3
		F	–	–	–	–	–	–	–	–	–	2	2
Y88	Sequelae of other accidents	M	–	–	–	–	–	–	1	1	–	1	3
		F	–	–	–	–	–	1	–	–	–	3	4
	Total Deaths	M	86	12	11	29	73	131	867	2,602	5,346	5,504	14,661
		F	73	18	14	11	47	53	424	1,610	3,707	7,546	13,503

Note: The output from ICD-10 mortality coding and underlying cause of death selection was modified in British Columbia to reflect the intent of certifiers in this jurisdiction and to provide greater continuity over time. Data using the standard ICD-10 rules for such categories as pneumonia/influenza, diabetes, or cancer should not be compared to the numbers shown above. Causes with less than five deaths are not shown separately, but are included in the total. Non-residents and unknown gender are excluded.

Note: Only causes with five or more deaths are shown.

Appendix 3

Selected Health Status Indicators by Local Health Area, Health Service Delivery Area, and Health Authority, British Columbia, 1997–2001



Preamble to Appendix 3

This appendix consists of six tables:

Table A Summary Statistics by Local Health Area, British Columbia, 1997–2001.

Table B Mortality in British Columbia by Local Health Area, British Columbia, 1997–2001.

Table C Summary Statistics by Health Service Delivery Area, British Columbia, 1997–2001.

Table D Mortality in British Columbia by Health Service Delivery Area, British Columbia, 1997–2001.

Table E Summary Statistics by Health Authority, British Columbia, 1997–2001.

Table F Mortality in British Columbia by Health Authority, British Columbia, 1997–2001.

Assignment of events to Local Health Areas, Health Service Delivery Areas or Health Authorities was based upon the usual residence of the mother for live births and stillbirths, and the usual residence of the decedent for deaths. Tables A, C and E provide population estimates for 2001, and counts and rates for the five-year period 1997–2001 for live births, stillbirths, deaths, infant deaths, low birth weight live births, cesarean live birth deliveries, pre-term live births, live births to teenage mothers, and live births to elderly gravida. The footnotes for all tables (A through E) are common and are shown under Tables E and F.

Tables B, D and E provide the Standardized Morality Ratios (SMR) with statistical significance, number of deaths (in the column labeled Death), trends in Age Standardized Mortality Rates (in the column labeled TR) based on three-year moving averages from 1986 to 2001, Potential Years of Life Lost Index (PYLLI) with statistical significance, and the number of deaths under age 75 (in the column labeled D <75). A box around the statistic denotes statistical significance. These statistics are provided for:

Category	Cause of Death	ICD-10 Codes
01	All causes of death	A00–Y89.9
02	Cancers (all cancer sites)	C00–D48.9
03	Lung cancer	C33, C34.0–C34.9, C38.4, C45.0
04	Endocrine, nutritional, and metabolic diseases	E00–E89.9
05	Diabetes	E10.0–E14.9
06	Circulatory system diseases	I0.0–I9.9
07	Ischaemic heart disease	I20.0–I25.9
08	Cerebrovascular disease/stroke	I60.0–I69.8
09	Diseases of arteries, arterioles and capillaries	I70.0–I78.9
10	Respiratory system diseases	J00–J98.9
11	Pneumonia and influenza	J10.0–J18.9
12	Chronic lung disease	J40–J449
13	Digestive system diseases	K00–K92.9
14	Motor vehicle accidents	V02–V04, V09, V12–V14, V19.0–V19.6, V20–V79, V80.3–V80.5, V82.0–V82.1, V82.3–V89.0, V89.2, V89.9, Y85.0.
15	Accidental falls	W00–W19
16	Suicide	X60–X84, Y87
17	Alcohol-related deaths	see Glossary
18	Medically treatable diseases	see Glossary
19	Drug-induced deaths	see Glossary

For Total Vancouver, please refer to HSDA 32 Vancouver in Tables C and D.

TABLE A

SUMMARY STATISTICS BY LOCAL HEALTH AREA

BRITISH COLUMBIA 1997–2001

	Local Health Area	2001 Population	Live Birth		Stillbirth		Death		Infant Death		Low Birth Wt. Live Birth		Cesarean		Pre-term		Teen Mo
			Total	Rate	Total	Rate[2]	Total	Rate	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total
001	Fernie	17,825	675	8.08	–	–	372	4.45	1	1.48	18	26.67	128	189.63	20	29.63	54
002	Cranbrook	28,312	1,238	9.49	8	6.42	838	6.42	5	4.04	43	34.73	202	163.17	59	47.66	118
003	Kimberley	9,131	318	7.05	–	–	382	8.69	1	3.14	11	34.59	55	172.96	6	18.87	24
004	Windermere	10,376	381	8.01	2	5.22	199	4.18	2	5.25	10	26.25	54	141.73	10	26.25	22
005	Creston	13,170	659	9.99	3	4.53	683	10.36	5	7.59	26	39.45	115	174.51	38	57.66	100
006/007	Kootenay Lake/Nelson	29,675	1,259	8.61	15	11.77	1,050	7.18	6	4.77	48	38.13	191	151.71	54	42.89	53
009	Castlegar	13,863	579	8.39	6	10.26	528	7.65	4	6.91	34	58.72	126	217.62	43	74.27	30
010	Arrow Lakes	5,407	242	9.01	–	–	245	9.12	1	4.13	18	74.38	42	173.55	21	86.78	15
011	Trail	20,555	813	7.79	5	6.11	1,041	9.97	3	3.69	46	56.58	210	258.30	58	71.34	38
012/013	Grand Forks/Kettle Valley	13,236	470	7.13	3	6.34	585	8.87	2	4.26	17	36.17	95	202.13	30	63.83	46
014	Southern Okanagan	18,747	738	7.93	5	6.73	1,134	12.18	3	4.07	42	56.91	130	176.15	52	70.46	38
015	Penticton	40,272	1,847	8.19	8	4.83	2,257	11.23	2	1.21	99	60.11	282	159.09	130	78.93	132
016	Keremeos	4,757	228	9.74	2	8.70	259	11.07	1	4.39	10	43.86	35	153.51	11	48.25	20
017	Princeton	5,513	172	6.41	–	–	242	9.02	2	11.63	13	75.58	26	151.16	16	93.02	11
018	Golden	8,071	373	9.52	1	2.67	178	4.54	1	2.68	9	24.13	97	260.05	14	37.53	35
019	Revelstoke	8,740	427	9.69	2	4.66	285	6.47	2	4.68	20	46.84	104	243.56	24	56.21	30
020	Salmon Arm	33,970	1,185	7.18	9	7.54	1,382	8.38	4	3.38	61	51.48	357	301.27	58	48.95	74
021	Armstrong–Spallumcheen	10,041	421	8.49	3	7.08	352	7.10	1	2.38	18	42.76	104	247.03	27	64.13	21
022	Vernon	60,487	2,684	9.04	14	5.19	2,570	8.66	6	2.24	124	46.20	620	231.00	146	54.40	140
023	Central Okanagan	154,905	6,895	9.15	39	5.62	5,780	7.67	25	3.63	330	47.86	1,546	224.22	450	65.26	361
024	Kamloops	107,747	4,768	9.03	36	7.49	3,523	6.67	19	3.98	265	55.58	1,192	250.00	358	75.08	302
025	100 Mile House	16,484	654	7.99	4	6.08	533	6.51	4	6.12	40	61.16	128	195.72	40	61.16	48
026	North Thompson	5,451	269	10.06	1	3.70	128	4.79	2	7.43	5	18.59	51	189.59	8	29.74	27
027	Cariboo–Chilcotin	29,611	1,803	12.28	12	6.61	740	5.04	9	4.99	106	58.79	579	321.13	133	73.77	179
028	Quesnel	27,860	1,419	10.30	4	2.81	755	5.48	9	6.34	65	45.81	357	251.59	77	54.26	131
029	Lillooet	4,931	315	12.78	4	12.54	171	6.94	1	3.17	10	31.75	85	269.84	16	50.79	36
030	South Cariboo	8,005	347	8.78	1	2.87	299	7.56	1	2.88	16	46.11	65	187.32	16	46.11	42
031	Merritt	12,241	620	10.21	4	6.41	445	7.33	3	4.84	29	46.77	146	235.48	53	85.48	58
032	Hope	8,419	408	9.64	4	9.71	412	9.74	3	7.35	13	31.86	77	188.73	23	56.37	54
033	Chilliwack	72,050	4,073	11.46	26	6.34	2,888	8.13	18	4.42	212	52.05	913	224.16	263	64.57	334
034	Abbotsford	117,429	8,048	13.97	54	6.67	4,115	7.14	28	3.48	376	46.72	1,705	211.85	429	53.31	397
035	Langley	115,103	6,250	11.07	47	7.46	3,594	6.37	18	2.88	267	42.72	1,351	216.16	391	62.56	205
036	Surrey	361,369	24,565	13.91	152	6.15	10,515	5.95	116	4.72	1,446	58.86	5,788	234.81	1,708	69.53	831
037	Delta	102,314	5,235	10.30	38	7.21	2,659	5.23	13	2.48	257	49.09	1,196	228.46	330	63.04	116
038	Richmond	166,809	8,001	9.80	55	6.83	3,975	4.87	37	4.62	402	50.24	1,962	245.22	499	62.37	122
040	New Westminster	54,207	3,222	11.97	25	7.70	2,565	9.53	7	2.17	195	60.52	676	209.81	248	76.97	144
041	Burnaby	193,644	10,080	10.57	81	7.97	6,716	7.04	49	4.86	575	57.04	2,015	199.90	744	73.81	293
042	Maple Ridge	79,428	4,411	11.47	36	8.10	2,318	6.03	13	2.95	223	50.56	1,093	247.79	301	68.24	165
043	Coquitlam	190,488	10,945	11.70	66	5.99	4,298	4.60	31	2.83	558	50.98	2,299	210.05	757	69.16	261
044	North Vancouver	131,036	6,668	10.25	48	7.15	3,935	6.05	21	3.15	268	40.19	1,488	223.16	399	59.84	96
045	West Vancouver–Bowen Is.	49,483	1,523	6.17	13	8.46	2,326	9.42	3	1.97	63	41.37	350	229.81	93	61.06	18
046	Sunshine Coast	27,704	1,082	7.96	9	8.25	1,144	8.42	1	0.92	52	48.06	220	203.33	74	68.39	38
047	Powell River	20,808	855	8.24	6	6.97	839	8.08	6	7.02	31	36.26	233	272.51	37	43.27	74
048	Howe Sound	32,200	2,009	13.05	19	9.37	518	3.37	5	2.49	107	53.26	436	217.02	145	72.18	80
049	Bella Coola Valley	3,540	244	13.99	3	12.15	88	5.05	4	16.39	9	36.89	45	184.43	18	73.77	34
050	Queen Charlotte	5,960	360	12.49	5	13.70	142	4.93	4	11.11	16	44.44	70	194.44	24	66.67	27
051	Snow Country	845	53	12.18	–	–	20	4.60	1	18.87	2	37.74	10	188.68	1	18.87	3
052	Prince Rupert	18,589	1,204	12.73	9	7.42	442	4.67	3	2.49	47	39.04	208	172.76	74	61.46	149
053	Upper Skeena	5,165	399	13.22	1	2.50	136	4.51	3	7.52	24	60.15	69	172.93	31	77.69	66
054	Smithers	18,866	1,310	13.98	23	17.25	382	4.07	11	8.40	54	41.22	324	247.33	78	59.54	93
055	Burns Lake/Eutsuk	7,980	511	12.94	2	3.90	215	5.44	6	11.74	13	25.44	104	203.52	23	45.01	49
056	Nechako	19,720	1,270	13.75	9	7.04	441	4.77	5	3.94	60	47.24	236	185.83	69	54.33	127
057	Prince George	107,935	5,921	11.06	58	9.70	2,321	4.34	23	3.88	302	51.00	1,395	235.60	380	64.18	435
059	Peace River South	27,749	1,617	11.20	9	5.54	750	5.20	8	4.95	58	35.87	306	189.24	69	42.67	153
060	Peace River North	32,200	2,376	15.46	19	7.93	531	3.46	5	2.10	108	45.45	482	202.86	129	54.29	206
061	Greater Victoria	206,085	8,835	8.58	41	4.62	11,215	10.89	35	3.96	441	49.92	2,249	254.56	603	68.25	362
062	Sooke	54,994	2,929	10.83	16	5.43	1,444	5.34	11	3.76	138	47.12	715	244.11	197	67.26	122
063	Saanich	60,628	2,035	6.75	9	4.40	2,779	9.22	6	2.95	83	40.79	480	235.87	122	59.95	73
064	Gulf Islands	14,865	477	6.58	2	4.18	689	9.50	2	4.19	16	33.54	89	186.58	23	48.22	14
065	Cowichan	55,445	2,576	9.55	18	6.94	1,959	7.26	8	3.11	118	45.81	569	220.89	178	69.10	231
066	Lake Cowichan	6,715	290	8.77	2	6.85	174	5.26	2	6.90	13	44.83	73	251.72	14	48.28	28
067	Ladysmith	15,417	770	9.73	3	3.88	875	11.05	1	1.30	38	49.35	171	222.08	57	74.03	78
068	Nanaimo	95,964	4,133	8.80	28	6.73	3,621	7.71	15	3.63	192	46.46	904	218.73	288	69.68	304
069	Qualicum	41,366	1,294	6.48	6	4.62	2,038	10.20	5	3.86	39	30.14	329	254.25	79	61.05	60
070	Alberni	33,618	1,598	9.57	13	8.07	1,255	7.52	8	5.01	67	41.93	334	209.01	110	68.84	175
071	Courtenay	60,385	2,563	8.61	16	6.20	2,129	7.15	17	6.63	149	58.13	525	204.84	197	76.86	186
072/084	Campbell River/V.I. West	45,516	2,248	9.91	16	7.07	1,218	5.37	9	4.00	103	45.82	515	229.09	129	57.38	186
075	Mission	37,737	2,163	11.61	17	7.80	1,199	6.44	9	4.16	102	47.16	460	212.67	143	66.11	150
076	Agassiz–Harrison	8,630	400	9.78	2	4.98	319	7.80	1	2.50	12	30.00	85	212.50	17	42.50	42
077	Summerland	11,439	397	6.95	3	7.50	701	12.27	3	7.56	18	45.34	72	181.36	27	68.01	10
078	Enderby	7,834	352	9.15	5	14.01	347	9.02	5	14.20	24	68.18	103	292.61	24	68.18	23
080	Kitimat	12,848	670	10.31	4	5.93	252	3.88	3	4.48	30	44.78	221	329.85	40	59.70	58
081	Fort Nelson	6,845	486	14.78	5	10.18	81	2.46	2	4.12	15	30.86	119	244.86	22	45.27	42
083	Central Coast	2,112	121	11.80	–	–	56	5.46	2	16.53	5	41.32	26	214.88	20	165.29	15
085	Vancouver Island North	15,506	923	11.88	9	9.66	311	4.00	8	8.67	34	36.84	201	217.77	74	80.17	136
087/094	Stikine/Telegraph Creek	2,043	103	10.21	3	28.30	41	4.07	–	–	9	87.38	18	174.76	14	135.92	17
088	Terrace	24,244	1,475	12.28	15	10.07	526	4.38	3	2.03	65	44.07	334	226.44	121	82.03	134
092	Nishga	2,515	160	13.65	–	–	50	4.27	1	6.25	9	56.25	38	237.50	21	131.25	23
161	Vancouver City Centre	104,200	3,341	7.02	29	8.61	3,375	7.09	8	2.39	168	50.28	824	246.63	208	62.26	22
162	Vancouver Downtown E. Side	53,397	2,438	9.26	28	11.35	2,876	10.93	14	5.74	133	54.55	495	203.04	209	85.73	100
163	Vancouver North East	95,629	5,862	12.44	49	8.29	2,866	6.08	30	5.12	328	55.95	1,313	223.98	402	68.58	137
164	Vancouver West Side	125,185	4,914	7.99	30	6.07	4,045	6.58	14	2.85	244	49.65	1,148	233.21	326	66.34	29
165	Vancouver Midtown	86,349	5,476	12.80	40	7.25	2,577	6.02	34	6.21	324	59.17	1,283	234.30	406	74.14	140
166	Vancouver South	120,389	6,566	10.99	47	7.11	4,017	6.72	19	2.89	355	54.05	1,441	219.40	467	71.10	135
	N.S.		13		3		35		–		2		4		2		3
	PROVINCIAL TOTAL	4,068,894	200,878	10.42	1,498	6.95	135,339	6.57	842	4.01	10,546	50.24	47,273	225.24	13,847	65.99	9,000

Note: Please see the reverse side of this sheet for footnotes.

TABLE B

MORTALITY IN BRITISH COLUMBIA BY LOCAL HEALTH AREA

BRITISH COLUMBIA 1997–2001

nage ther	Elderly Gravida		01 All Causes of Death					02 All Cancer Sites					03 Lung Cancer					04 End/Nut/Met. Diseases etc.					05 Diabetes					06 Circulatory System					07 Ischemic Heart Disease					08 Cerebro. Disease/Stroke					09 Arteries/Arterioles/Capillaries					10 Respiratory System					Pneumonia	
Rate[1]	Total	Rate[1]	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death
80.00	79	117.04	0.94	372	↖	0.75	177	1.00	113		1.01	89	1.10	32	↙	1.00	20	0.89	8		1.50	4	0.74	5	↖	1.65	3	1.07	137	↖	0.84	47	1.15	74	↖	1.19	33	0.90	24		0.97	6	1.05	5		0.33	1	0.98	34	↖	1.51	12	0.75	11
96.32	124	100.16	1.06	838		0.93	383	0.98	219	↙	0.84	122	1.15	68	↙	0.96	41	1.79	42	↙	1.32	17	1.57	27	↙	1.79	12	1.12	304		0.91	84	1.07	144	↖	0.94	43	0.99	57	↖	1.06	9	1.33	18		0.79	4	1.12	87	↖	1.85	29	0.89	29
75.47	48	150.94	0.99	392	↖	0.91	154	1.01	109	↖	1.13	60	1.09	31		1.13	18	1.53	14		2.65	8	1.06	11		3.22	6	1.01	145	↖	1.00	38	1.04	74	↖	0.82	21	0.86	27		3.35	8	0.92	5	↖	2.12	1	1.03	43		0.86	9	0.55	10
57.74	50	131.23	0.75	199		0.73	92	0.78	62		0.82	39	0.86	17		0.89	11	2.56	14	↙	1.23	3	3.39	13	↙	1.59	2	0.59	52	↖	0.82	22	0.65	28	↖	1.02	16	0.57	10	↖	0.86	3	1.05	4		–	–	1.23	30	↙	1.07	7	1.48	13
151.75	87	132.02	0.99	683	↖	1.15	252	1.12	210		1.22	111	1.09	54		1.20	38	1.28	27		0.98	9	0.87	14		0.84	5	0.90	233	↖	0.86	57	0.78	99	↖	0.79	31	0.94	55	↖	1.62	15	1.44	19		1.35	3	0.83	64		1.80	15	0.96	32
42.10	230	182.68	1.01	1,050	↖	1.14	438	1.04	295		1.14	169	1.15	85	↙	1.24	58	1.22	37	↙	3.04	18	1.15	26	↙	1.22	10	1.02	375	↖	0.99	105	1.19	218	↖	0.98	60	0.87	72	↖	1.43	24	0.86	17	↖	1.66	7	0.81	88		0.94	16	0.75	35
51.81	67	115.72	1.06	528		1.17	224	0.94	129		1.07	73	0.88	31		0.95	21	1.40	20		1.15	7	1.85	19		1.49	7	1.16	208	↖	1.13	60	1.24	110	↖	1.07	36	0.91	36	↖	1.12	7	2.13	20		3.65	7	0.79	41		1.23	9	0.74	17
61.96	31	128.10	1.09	245		1.32	99	1.15	69	↙	1.51	43	1.18	17	↙	1.22	10	1.21	6		4.23	2	1.09	3		1.95	1	0.92	75	↖	1.36	22	1.01	40	↖	0.94	12	1.00	17		9.10	7	2.42	7		1.26	1	1.64	38		4.63	7	1.64	17
44.28	122	150.06	1.12	1,041	↖	1.14	375	1.03	258		1.26	148	1.04	67	↖	1.43	43	1.51	42	↙	3.06	15	1.68	36	↙	2.78	12	1.22	422	↖	1.31	101	1.32	223	↖	1.39	58	1.02	81	↖	1.33	14	1.84	34	↖	3.44	11	1.02	104		1.38	21	1.02	48
85.11	72	153.19	1.02	585	↖	1.11	268	1.01	164		1.01	101	0.91	38		1.21	28	1.27	20		2.40	10	1.40	17		2.35	8	1.00	205	↖	0.86	65	1.09	113	↖	0.81	34	0.74	33		1.31	10	1.19	13		1.94	7	1.05	62		1.73	15	1.18	28
51.49	93	126.02	0.96	1,134	↖	1.08	422	0.97	320		1.15	161	0.98	87		1.29	49	1.13	41		1.04	10	0.98	28		0.88	6	1.00	439	↖	1.12	131	1.04	228	↖	1.45	81	0.95	94		0.91	20	1.11	27	↖	0.66	8	0.98	130		1.43	29	1.07	80
83.18	243	147.54	0.95	2,257	↖	0.96	753	1.03	638		1.11	311	0.93	149		0.91	74	1.06	77	↙	2.36	29	1.15	65	↙	2.10	25	0.94	850	↖	1.12	196	0.93	412	↖	1.18	115	0.94	197		1.10	31	1.34	64		3.22	18	0.86	236		1.13	42	0.82	101
87.72	27	118.42	1.01	259		1.51	130	1.18	87		1.53	58	1.65	33		1.82	22	1.56	11		4.26	6	1.66	8		3.34	4	0.97	90		1.05	29	1.18	55		0.84	16	0.65	12		3.95	5	0.93	4	↖	1.57	1	0.77	21		2.19	8	0.39	4
63.95	21	122.09	1.19	242		1.30	113	1.19	73		1.28	42	1.35	20	↙	1.87	13	1.72	8		3.31	4	2.21	8		4.25	4	1.03	72	↖	1.18	28	0.96	34	↖	1.05	17	0.98	14		1.85	4	0.97	3		1.63	1	1.72	34		2.68	11	1.98	13
93.83	35	93.83	1.02	178	↖	1.10	103	1.10	55	↙	1.32	39	1.31	17	↙	1.33	12	2.36	6		1.51	2	6.67	6		6.29	2	1.01	55		1.06	20	0.94	26		1.35	12	0.81	9	↖	1.68	3	0.62	1		–	–	1.17	18	↖	1.92	9	1.15	6
70.26	63	147.54	1.23	285		1.21	136	1.00	67	↖	0.84	42	1.35	23		1.15	17	1.55	9		2.27	4	1.37	6		1.23	3	1.54	119		2.21	46	1.12	43	↖	1.75	21	1.68	28	↙	4.28	9	1.76	7		3.00	2	1.29	27	↙	0.66	5	1.75	14
59.92	178	150.21	0.96	1,382		1.03	594	1.03	421		1.19	242	1.07	118		1.33	76	0.87	38		0.79	12	1.04	35		1.12	12	0.99	512	↖	1.10	171	0.93	242	↖	1.19	98	0.99	113	↖	1.26	26	1.19	33	↖	1.67	13	0.86	132		0.87	30	0.81	53
49.86	53	125.89	0.98	352		1.02	144	1.06	106	↙	1.15	63	1.02	25		1.31	14	1.41	13	↙	2.57	7	1.55	11	↙	2.80	6	1.06	134		1.23	31	1.00	63	↖	0.99	18	1.23	34	↙	4.26	6	1.40	9		0.89	2	0.85	31		1.54	9	0.83	13
55.51	362	134.87	1.03	2,570	↖	1.02	975	0.97	857		1.05	368	1.00	182	↙	1.10	115	1.15	89		1.48	37	1.21	71	↙	1.20	29	1.05	958	↖	1.02	250	1.03	485	↖	0.92	121	1.05	218		0.86	46	1.52	75		2.86	26	0.98	267	↖	0.88	49	0.97	115
52.36	1,079	158.49	0.88	5,780	↖	0.84	2,030	0.91	1,639	↖	0.95	855	0.87	411	↖	0.98	252	0.72	148		0.77	49	0.66	103		0.73	35	0.87	2,111	↖	0.80	472	0.78	940	↖	0.71	241	0.80	445	↖	0.92	82	0.96	127		1.16	28	0.93	680		1.00	133	1.00	320
63.34	575	120.60	1.11	3,523	↖	1.16	1,715	0.99	906	↖	0.93	550	1.05	259	↖	1.00	172	1.18	115		1.22	44	1.23	92		1.45	36	1.09	1,185	↖	1.20	429	1.07	584	↖	1.23	259	0.87	208	↖	0.95	58	1.10	64	↖	1.22	17	1.19	373		1.70	131	0.97	130
73.39	88	134.56	1.12	533	↖	1.24	315	0.93	139	↖	1.02	95	1.19	49		1.48	34	1.64	18		4.05	11	1.56	13		2.94	8	1.27	198		1.60	94	1.35	109		1.54	58	1.23	40		2.42	15	1.55	12		2.76	6	1.15	50		2.25	20	0.88	15
100.37	36	133.83	1.13	128		1.20	79	1.06	36	↖	1.15	24	1.68	14		1.82	10	0.60	1		1.44	1	–	–		–	–	–	34	46		1.63	22	1.23	22		1.53	11	1.70	9	↙	3.42	4	6.24	4		4.58	3	1.15	9		1.20	4	0.94	2
99.28	192	106.49	1.20	740	↖	1.37	435	0.93	169	↖	1.03	111	0.99	48	↖	1.03	32	1.69	26	↙	1.71	14	1.58	18	↙	1.84	11	1.22	235	↖	1.12	96	0.94	92	↖	0.99	48	1.30	53	↖	1.46	16	0.85	8	↖	2.75	6	1.24	66		1.46	20	1.08	23
92.32	120	84.57	1.14	755	↖	1.11	415	1.17	226	↙	1.03	145	1.32	69		0.97	50	1.06	20		0.79	7	1.14	16		1.18	6	1.05	227	↖	1.14	94	0.98	108	↖	1.24	48	1.13	51	↖	1.42	21	1.02	11		1.82	5	1.34	82		1.93	32	1.28	31
114.29	29	92.06	1.40	171		1.40	85	1.04	36		1.27	22	1.84	11		1.53	8	3.77	8		2.67	2	4.29	7		3.24	2	1.26	50		1.47	21	1.17	23		1.78	10	1.29	10		3.08	7	5.89	5		12.78	1	1.97	22		4.25	10	1.90	8
121.04	44	126.80	1.15	298	↖	1.47	177	1.02	79		1.19	52	1.32	28		1.78	23	1.20	8		5.31	4	0.98	3		5.02	2	1.04	92	↖	1.33	45	1.04	47		1.20	22	0.79	15		0.91	6	1.93	5		12.97	2	1.94	49		5.42	22	1.25	12
93.55	71	114.52	1.32	445	↖	1.73	261	1.09	104		1.16	89	1.00	25	↖	1.17	18	1.64	12		3.94	8	2.09	12		5.25	8	1.30	148	↖	1.89	82	1.47	85	↖	2.31	40	1.43	34		2.88	12	0.73	4		0.39	1	1.53	50		4.46	26	1.15	18
132.35	38	93.14	1.23	412		1.63	206	1.08	104		1.22	65	1.16	30	↖	1.47	22	1.79	18		2.21	8	1.71	12		3.46	8	1.17	139	↖	1.59	54	1.11	66	↖	1.53	28	0.89	23	↖	1.05	10	2.06	13		9.20	4	0.96	33	↖	1.24	8	1.11	15
82.00	520	127.67	1.05	2,888	↖	1.12	1,158	1.10	833		1.18	458	1.05	209	↖	1.42	138	1.20	101	↙	1.20	41	1.39	90	↙	1.42	35	1.09	1,082	↖	1.09	276	1.24	607	↖	1.11	173	1.02	229	↖	1.03	40	0.88	47	↖	0.61	14	0.99	293	↙	1.43	78	0.99	127
49.33	848	105.37	0.98	4,115		1.05	1,540	0.97	1,083		1.06	567	0.94	273	↙	1.12	169	1.09	141	↙	1.50	65	1.12	111	↙	1.56	51	1.02	1,562	↖	1.10	373	1.09	824	↖	1.06	202	0.87	306	↖	1.12	55	0.95	79		1.15	26	0.93	431		0.92	70	1.02	210
32.80	978	156.48	0.95	3,594	↖	0.97	1,517	1.03	1,063	↖	1.21	648	1.06	285		1.21	182	0.90	102		0.86	35	0.85	74		0.65	22	0.94	1,269	↖	1.07	359	1.02	679	↖	1.12	212	1.00	307		1.10	64	0.88	64		1.06	13	0.97	388		1.28	89	1.04	183
33.83	3,851	148.83	0.90	10,515	↖	1.00	4,488	0.92	2,929	↖	0.99	1,845	0.91	753	↖	1.00	465	0.95	340		1.31	157	0.98	269		1.21	121	0.94	3,901	↖	1.02	1,098	1.03	2,113	↖	1.08	641	0.91	864	↖	1.06	185	0.95	213	↖	0.95	54	0.84	1,032	↖	0.89	228	0.78	428
22.54	1,119	213.75	0.85	2,859	↖	0.70	1,037	0.92	800	↖	0.93	447	0.82	187	↖	0.84	117	0.75	71		0.88	32	0.84	59		0.89	26	0.89	970	↖	0.78	263	0.95	513	↖	0.82	152	0.89	217	↖	0.80	51	1.14	66		1.32	16	0.76	240		0.53	50	0.67	92
15.25	2,022	252.72	0.86	3,975	↖	0.66	1,575	0.89	1,143	↖	0.79	665	0.96	327		0.81	195	0.94	128	↙	0.81	49	0.95	98		0.81	40	0.91	1,438	↖	0.73	400	0.95	743	↖	0.80	229	0.97	350	↖	0.71	72	0.77	84	↖	1.33	26	0.97	443		0.65	71	1.02	205
44.80	692	214.77	1.17	2,565	↖	1.19	947	1.18	653	↖	1.11	329	1.24	175		1.21	105	1.30	87	↙	1.39	28	1.31	80	↙	1.78	23	1.21	979	↖	1.55	236	1.18	460	↖	1.48	135	1.40	267	↙	1.55	42	1.02	43	↖	1.98	9	1.18	284	↙	1.45	59	1.22	138
29.07	2,228	221.03	1.01	6,716	↖	0.87	2,446	0.95	1,752		0.91	927	1.00	459		0.90	270	1.02	210	↙	0.96	74	1.00	155		0.88	55	1.06	2,546	↖	0.84	562	1.10	1,290	↖	0.83	305	1.05	581	↖	0.93	105	0.93	117	↖	0.98	27	1.06	746		0.83	143	1.18	379
37.41	755	171.16	1.10	2,318	↖	1.00	1,030	1.15	674		1.12	403	1.33	205		1.49	137	1.15	72		1.56	32	1.20	56		1.50	20	1.18	849	↖	1.20	256	1.23	438	↖	1.23	149	1.19	193	↖	1.20	43	1.06	40	↖	1.38	14	1.18	243	↖	1.43	73	1.11	99
23.85	2,386	218.00	0.99	4,298	↖	0.82	2,020	1.03	1,273	↖	1.07	820	1.05	338	↖	0.93	216	1.14	147		1.14	65	1.25	121	↙	1.40	54	1.03	1,467	↖	0.90	482	0.99	699	↖	0.93	265	1.14	364		0.93	94	1.02	75	↖	0.86	23	1.21	489	↖	1.18	140	1.21	214
14.40	2,086	312.84	0.95	3,935	↖	0.74	1,509	0.97	1,119	↖	0.87	629	0.96	292	↖	0.86	169	1.01	127	↙	0.98	52	0.98	92		0.79	35	0.99	1,426	↖	0.77	361	0.97	692	↖	0.80	196	1.09	357	↖	0.78	72	1.08	83	↖	0.96	21	1.05	443	↖	0.88	92	1.19	219
9.85	808	399.21	0.86	2,326	↖	0.59	589	0.87	620	↖	0.76	271	0.63	115		0.42	55	0.59	49	↖	0.84	11	0.56	35	↖	0.74	8	0.84	863	↖	0.52	128	0.83	413	↖	0.48	74	1.07	256	↖	0.85	30	0.71	39	↖	0.96	4	0.97	298		0.50	35	1.24	173
35.12	254	234.75	0.99	1,144	↖	1.08	486	1.09	357		1.16	210	1.16	101		1.24	68	0.76	26		1.37	10	0.87	23	↙	1.23	7	1.00	419	↖	1.05	113	0.92	193	↖	1.02	62	1.07	101		0.95	16	0.93	21		1.53	6	0.92	113		1.19	27	0.91	48
88.55	111	129.82	1.01	839	↖	1.08	361	1.14	260		1.21	151	1.15	70		1.13	46	0.95	24		1.30	7	0.72	13		0.97	4	1.05	317	↖	1.21	94	0.98	147	↖	1.33	55	1.11	75	↖	1.45	19	1.31	20	↖	1.95	4	0.92	81		0.86	17	1.09	42
42.81	412	205.08	1.04	518		0.99	302	0.88	125		0.80	91	1.04	38	↙	1.03	28	1.16	15		2.21	9	1.31	13		2.22	8	1.07	154		1.06	84	0.97	71	↖	0.96	29	1.23	35		1.23	12	1.36	10		3.18	6	1.34	50		1.39	15	1.66	24
139.34	24	98.36	1.35	88	↖	1.88	62	1.31	22		1.65	15	1.12	3		0.52	1	7.48	4		20.49	3	6.29	1		7.31	1	1.12	22	↖	1.98	13	1.12	10	↖	1.40	7	2.19	7		5.34	2	4.64	1		9.87	1	0.78	3		7.35	2	–	–
75.00	50	138.89	1.37	142		1.58	105	1.07	32	↖	1.51	29	1.19	7		1.73	7	2.30	3		7.49	1	2.85	2		15.25	1	1.34	41		1.61	21	1.06	15	↖	1.41	9	1.32	7		0.72	2	2.13	1		–	–	1.40	10	↙	3.52	6	2.25	6
56.60	–	–	1.94	20	↖	2.08	19	2.95	6		2.90	6	–	–		–	–	56.31	2		398.16	2	35.50	1		35.50	1	3.62	6		4.63	5	1.43	1		2.28	1	15.55	2		15.27	2	–	–		–	–	–	–		–	–	–	–
123.75	127	105.48	1.20	442	↖	1.24	255	1.09	114	↖	1.05	76	0.88	24		1.07	16	1.57	14	↖	1.26	6	1.77	12		1.53	5	1.19	137	↖	1.42	60	1.00	58	↖	1.40	29	1.23	30		1.60	10	1.17	6	↖	5.00	6	0.97	31	↖	1.83	8	0.96	13
166.41	32	80.20	1.33	136		1.55	77	1.04	29		0.87	15	1.23	6		1.27	5	3.06	3		18.58	1	8.09	2		–	–	1.35	40		1.89	18	0.96	14		2.16	8	1.67	8		0.59	2	–	–		–	–	1.92	15	↙	5.06	3	3.06	7
72.52	173	132.06	1.10	382	↖	1.09	216	1.01	100		0.95	66	0.97	23		1.25	18	1.58	9		4.44	7	1.29	5		5.18	4	1.25	134			1.17	49	1.05	57	↖	1.49	29	1.39	30		1.49	8	1.09	5	↖	0.24	1	1.17	34		1.52	10	0.92	11
95.89	39	78.32	1.14	215	↖	1.40	117	1.00	56		0.80	31	1.07	15		0.83	8	0.85	3		2.88	1	1.20	3		3.70	1	1.11	67	↖	1.38	30	0.78	24	↖	1.37	18	1.11	14		2.87	5	1.72	4		1.99	2	1.08	18		0.95	5	1.44	9
100.00	109	85.83	1.19	441	↖	1.41	278	1.25	135		1.33	90	1.00	29		0.73	17	2.05	18		2.43	10	2.33	15		3.53	8	1.18	135	↖	1.11	57	0.97	57	↖	1.07	31	1.39	33		1.92	12	0.88	3		0.77	2	0.80	25		1.72	14	0.86	8
73.47	575	97.11	1.20	2,321	↖	1.05	1,375	1.17	680	↖	1.06	490	1.27	198	↖	1.12	149	1.42	78	↖	0.75	36	1.51	62		1.03	31	1.15	670	↖	1.06	311	0.97	290	↖	1.00	156	1.35	166		1.09	60	1.13	34	↖	1.52	16	1.44	231		1.19	69	1.41	93
94.62	172	106.37	1.15	750		1.11	394	1.02	188		1.03	121	1.04	51		0.94	33	1.73	32	↙	2.98	24	1.87	26	↙	3.42	20	1.22	259	↖	1.29	98	1.42	152	↖	1.78	68	0.98	45	↖	0.88	10	1.07	11		3.07	6	1.31	80		1.77	26	1.43	37
86.70	259	109.01	0.96	531	↖	0.85	298	0.90	140		0.73	92	1.18	48		1.17	35	1.25	17	↙	2.27	11	1.32	14		2.81	9	1.07	175	↖	1.16	76	1.19	98	↖	1.64	54	0.63	22	↖	0.67	8	1.72	14		1.99	4	1.19	53		1.50	15	1.07	19
40.97	1,782	201.70	1.03	11,215	↖	1.04	3,187	1.06	2,831		1.09	1,254	1.02	682		1.08	356	0.96	324	↙	1.64	121	0.90	232	↙	1.48	86	0.99	4,180	↖	0.99	720	0.94	1,887	↖	0.97	393	1.01	1,017	↖	0.98	143	0.96	214	↖	1.12	33	0.95	1,216	↖	1.01	179	0.89	537
41.85	485	185.89	1.05	1,444	↖	0.90	683	1.18	479		1.07	288	1.23	133		1.15	88	1.02	40		0.95	18	0.97	29		1.03	13	1.01	471	↖	1.06	161	0.91	215	↖	1.11	99	1.11	114		1.40	29	1.33	33	↖	1.14	8	0.95	126	↖	1.21	36	0.64	35
36.87	472	231.94	0.84	2,779	↖	0.77	823	0.98	665	↖	1.03	388	0.83	196		0.76	93	0.73	76	↖	0.92	27	0.65	53	↖	0.75	18	0.78	969	↖	0.62	184	0.68	417	↖	0.54	102	0.88	249	↖	0.73	32	1.25	85		1.42	13	0.76	287	↖	0.58	42	0.75	123
29.36	111	232.70	0.89	699	↖	0.90	242	1.01	223		1.00	109	1.02	60	↙	0.89	26	0.55	13	↖	0.88	6	0.55	10	↖	1.11	5	0.83	237	↖	0.93	61	0.79	112	↖	0.97	37	0.97	61	↖	1.87	14	0.85	9		2.82	2	0.82	69		0.33	7	0.84	29
88.67	385	149.46	0.99	1,959	↖	1.00	828	0.99	553	↖	1.00	315	1.08	161		0.97	92	0.75	45	↖	0.88	18	0.69	31

11 and Influenza			12 Chronic Lung Disease					13 Digestive System					14 Motor Vehicle Accidents					15 Accidental Falls					16 Suicide					17 Alcohol-related Deaths					18 Medically Treatable Disease					19 Drug-induced Deaths				
R	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR*	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
	1.55	3	1.19	17		1.85	7	1.23	15		0.74	8	1.88	12		1.65	10	2.22	5		7.38	2	1.33	8		1.23	8	0.68	22		0.38	16	–	–	–	–	–	–	–	–	–	–	–
	3.48	7	1.46	47		2.08	18	1.10	32		1.93	23	1.37	13		1.36	13	1.03	7		5.40	3	1.68	20		1.23	20	1.16	85		1.27	56	0.50	2	0.56	2	0.57	9		0.56	8
	0.43	2	1.45	25		1.83	7	1.34	17		1.39	6	0.86	2		0.91	2	1.06	4		2.34	1	1.97	6		1.91	6	1.50	37		1.39	31	0.67	1	0.66	1	0.69	4		0.48	4
	3.10	3	1.81	13		1.74	4	0.87	5		1.28	1	2.58	8		3.26	8	–	–		–	–	1.32	4		1.37	4	1.00	21		0.88	15	0.67	1	1.00	1	0.17	1		0.01	1
	4.08	6	0.84	26		1.12	7	1.05	26		0.99	9	2.91	13		2.05	10	0.91	7		–	–	2.48	12		3.41	12	0.85	34		1.02	28	0.99	2	0.75	2	1.09	8		1.15	8
	2.94	8	0.96	42		0.45	5	0.80	28		0.94	9	2.59	34		2.55	30	1.38	15		1.94	1	1.52	23		1.27	23	1.36	93		1.46	72	1.06	5	1.34	5	0.71	13		0.58	12
	3.48	5	0.76	15		0.29	2	1.36	25		1.88	13	2.72	13		2.71	13	2.07	11		10.70	3	1.73	10		1.77	10	1.23	40		1.37	32	0.92	2	0.88	2	0.94	8		0.73	7
	18.29	4	2.24	18		2.07	2	1.37	10		4.77	5	5.20	8		4.91	6	1.71	3		–	–	0.69	1		0.80	1	1.34	19		1.51	14	2.30	2	2.72	2	0.61	2		0.32	1
	2.37	5	1.15	47		1.14	11	1.10	38		1.20	17	1.34	11		1.46	11	1.32	14		5.49	4	1.86	18		1.99	17	1.15	63		1.17	45	0.91	3	0.82	3	0.84	11		0.79	10
	7.04	5	0.79	19		1.72	7	1.33	27		2.43	17	3.74	19		4.08	17	2.05	10		–	–	2.30	12		1.32	9	1.31	49		2.30	43	0.92	2	1.03	2	0.88	7		0.73	7
	3.08	7	0.95	52		0.96	14	1.06	46		1.56	26	2.74	18		2.79	13	1.38	18		5.04	5	1.41	12		1.45	8	1.03	89		1.03	49	0.70	2	1.31	2	0.95	10		1.05	10
	1.40	14	0.90	101		1.20	19	1.01	87		1.04	36	1.46	25		1.17	21	1.18	35		3.05	5	1.06	23		1.31	22	1.19	147		1.30	99	0.85	5	0.78	5	0.67	16		0.59	15
	1.20	1	1.20	13		0.81	4	1.57	13		3.37	8	6.12	9		7.58	9	1.49	3		–	–	1.71	2		1.51	2	1.36	22		1.73	18	–	–	–	–	0.36	1		–	–
	1.55	1	1.98	17		4.03	8	1.61	10		0.95	2	3.67	7		1.44	4	6.84	5		27.62	4	3.21	5		4.60	5	1.34	20		1.87	15	–	–	–	–	0.61	2		0.72	2
	7.82	2	1.95	10		2.34	5	0.51	2		1.17	2	3.36	7		3.51	7	1.39	1		13.49	1	1.12	2		1.23	2	0.81	12		1.28	11	0.84	1	1.17	1	–	–		–	–
	2.43	1	1.13	10		0.90	4	1.79	13		1.04	5	3.91	12		3.72	12	3.29	7		12.28	1	1.62	4		1.67	3	1.37	25		0.83	16	–	–	–	–	–	–		–	–
	1.21	10	0.99	62		0.94	14	0.75	40		0.63	16	2.31	36		2.65	32	1.58	24		3.78	6	0.69	12		0.56	8	0.81	74		0.95	54	0.58	3	0.34	3	0.47	9		0.50	9
	2.29	2	0.92	14		2.28	6	0.73	7		–	–	3.27	13		3.05	11	1.01	3		–	–	1.92	5		2.63	5	0.84	20		0.97	15	–	–	–	–	0.17	1		0.01	1
	0.90	11	1.02	113		1.29	31	1.04	97		1.02	41	1.49	43		1.72	38	1.08	31		1.61	8	1.35	41		1.34	36	1.21	185		1.32	148	0.86	6	0.78	6	0.79	28		0.91	25
	1.32	44	0.90	268		0.90	65	0.87	214		1.05	84	0.70	51		0.66	43	1.07	85		1.86	20	1.17	97		1.17	88	0.89	346		1.08	262	0.58	13	0.68	13	0.68	62		0.70	59
	1.87	38	1.39	180		1.45	65	1.20	145		1.48	84	1.54	78		1.36	67	1.65	61		2.23	25	1.32	77		1.41	73	1.27	294		1.52	238	1.03	17	1.11	17	1.23	80		1.28	76
	1.17	6	1.21	23		1.23	8	1.61	28		3.19	23	2.62	18		2.19	18	2.63	10		7.86	4	1.50	12		1.37	10	1.71	67		2.07	55	1.10	3	1.50	3	1.42	14		1.54	14
	–	–	2.70	7		2.67	4	4.65	10		5.94	8	5.09	10		4.61	9	2.28	1		20.18	1	5.87	3		2.65	3	1.18	12		0.82	11	1.19	1	0.51	1	0.30	1		0.25	1
	2.45	6	1.46	32		1.76	12	1.15	27		1.79	23	4.42	55		4.31	55	2.90	11		7.49	5	2.12	31		2.15	30	1.51	81		1.65	67	1.33	6	1.37	6	0.49	9		0.60	9
	3.71	9	1.55	40		2.62	19	1.36	34		1.27	18	2.14	25		1.78	22	2.21	13		1.45	3	1.31	17		1.17	17	0.87	47		0.86	37	1.69	7	1.98	7	0.54	9		0.51	9
	13.54	4	2.44	11		2.82	4	1.81	7		2.32	4	7.47	12		5.66	11	4.45	2		–	–	1.26	2		1.27	2	2.87	28		1.78	21	1.37	1	1.48	1	–	–		–	–
	1.42	2	2.93	29		5.14	15	2.09	20		3.61	14	2.02	6		2.55	6	2.95	4		17.84	3	1.19	4		1.16	3	0.91	18		1.07	16	1.59	2	3.60	2	0.42	2		0.19	1
	7.34	8	1.95	27		3.10	11	1.65	20		2.17	13	4.10	18		3.36	15	2.63	7		7.88	3	2.87	15		3.11	15	2.48	62		2.75	51	2.79	5	2.79	5	1.80	13		1.55	13
	–	–	0.82	12		1.35	3	2.17	26		3.06	11	4.43	14		3.72	12	1.17	3		7.66	1	2.33	8		1.77	8	1.94	44		2.29	33	0.75	1	0.89	1	1.80	9		1.89	9
	1.96	22	0.95	116		1.09	38	1.07	109		1.13	42	1.37	42		1.44	39	1.01	33		2.60	11	1.04	39		0.96	37	0.85	144		0.71	100	1.40	14	1.37	14	0.91	38		0.85	38
	1.55	24	0.91	169		0.64	31	0.91	141		0.82	52	1.38	73		1.44	69	0.67	34		0.97	9	0.98	57		1.05	53	0.52	130		0.60	102	0.76	12	0.87	12	1.03	70		1.12	69
	1.48	30	0.91	149		1.10	43	0.96	135		0.97	65	1.08	56		1.11	51	0.85	37		0.90	6	0.77	47		0.84	45	0.72	174		0.61	130	1.38	23	1.49	23	0.61	42		0.56	40
	0.93	64	0.87	436		0.90	112	0.89	387		0.97	185	0.93	153		0.97	142	0.55	80		0.57	18	0.86	163		0.80	150	0.72	535		0.72	414	0.95	49	0.93	49	1.12	242		1.21	236
	0.82	13	0.82	104		0.62	25	0.74	88		0.62	40	0.42	20		0.28	13	0.75	26		0.48	5	0.69	37		0.75	35	0.61	132		0.46	90	0.50	8	0.50	8	0.35	22		0.33	21
	0.74	22	0.89	183		0.41	26	0.77	135		0.56	51	0.49	38		0.53	33	0.90	47		0.62	9	0.60	58		0.51	53	0.46	153		0.35	114	0.52	14	0.42	14	0.43	45		0.37	40
	1.33	18	1.12	104		1.29	27	1.06	87		1.47	42	0.77	18		0.65	15	0.90	26		1.25	4	1.34	42		1.21	40	1.34	189		1.32	132	1.92	16	1.81	16	2.03	77		1.92	73
	0.91	43	0.96	269		0.79	69	1.09	273		0.98	111	0.69	64		0.64	55	0.78	67		1.15	19	0.62	69		0.56	61	0.86	366		0.69	269	0.77	23	0.69	23	0.87	111		0.87	106
	1.31	19	1.40	119		1.67	44	0.93	74		0.86	28	1.06	36		1.11	33	0.79	19		1.17	7	1.17	47		1.20	45	0.87	130		0.56	94	1.14	13	0.97	13	0.73	35		0.73	35
	1.13	40	1.23	200		1.35	72	0.86	144		0.71	67	0.48	40		0.53	37	0.86	43		0.55	14	0.74	76		0.70	73	0.72	247		0.48	181	0.75	22	0.77	22	0.54	66		0.53	62
	1.12	27	0.93	158		0.93	48	0.93	146		0.85	63	0.57	33		0.64	30	0.82	41		1.46	13	0.73	54		0.75	49	0.83	237		0.61	162	1.03	22	1.16	22	0.64	55		0.65	52
	0.94	12	0.78	92		0.76	20	0.87	88		0.56	22	0.50	10		0.45	8	0.73	25		2.89	6	0.62	16		0.56	11	0.48	70		0.41	42	0.80	5	0.84	5	0.68	20		0.58	15
	1.74	10	0.85	42		0.70	11	0.91	39		1.41	20	0.70	7		0.72	6	1.42	18		7.62	7	1.45	20		1.62	20	1.22	90		1.19	70	0.93	4	0.92	4	1.10	18		1.13	18
	2.33	8	0.82	29		0.81	9	0.60	18		0.71	8	0.55	3		0.72	3	1.58	13		5.12	3	1.56	15		1.39	13	1.33	71		1.60	58	1.82	6	1.46	6	0.94	12		1.08	12
	2.12	6	1.33	21		1.29	7	1.01	17		0.90	8	1.80	24		1.83	23	1.84	7		2.93	3	1.18	19		1.08	18	1.47	71		1.43	62	0.46	2	0.43	2	0.77	16		0.71	15
	–	–	5.58	3		51.93	2	3.25	4		11.44	2	8.13	9		6.00	9	8.26	2		3.37	2	4.40	3		2.27	3	2.17	13		1.95	12	1.96	1	1.46	1	0.47	1		0.17	1
	11.34	3	–	–		–	–	4.01	9		1.81	5	1.89	3		2.05	3	2.53	1		–	–	4.85	11		4.29	11	2.76	28		2.08	23	1.13	1	1.20	1	0.51	2		0.33	2
	–	–	–	–		–	–	–	–		–	–	13.15	3		7.69	3	–	–		–	–	–	–		–	–	1.29	2		1.45	2	–	–	–	–	–	–		–	–
	2.81	3	1.06	14		1.84	4	1.39	19		0.71	8	0.89	6		0.75	6	3.51	10		6.99	6	1.72	15		2.08	15	2.14	69		2.12	64	1.82	5	1.14	5	1.16	14		1.18	14
	2.03	1	2.38	6		–	–	3.29	7		4.57	6	4.28	9		3.92	9	7.06	1		1.69	1	4.46	4		3.75	4	2.86	27		2.11	20	–	–	–	–	0.55	2		0.69	2
	1.99	3	1.44	15		3.41	4	1.44	16		1.60	9	2.89	19		3.10	19	1.00	2		5.68	1	0.95	8		0.84	8	1.23	38		1.25	32	0.74	2	0.95	2	0.17	2		0.21	2
	2.88	1	1.78	9		1.93	4	2.27	15		3.77	9	4.15	13		4.58	13	2.88	2		–	–	1.31	4		1.12	4	1.21	19		1.16	15	1.75	2	1.48	2	0.43	2		0.51	2
	5.56	4	0.89	12		1.50	8	1.14	16		1.83	11	3.12	25		3.48	23	2.04	5		3.07	2	1.64	14		1.73	14	1.21	39		1.07	33	1.15	3	1.03	3	0.27	3		0.18	2
	1.32	21	1.69	113		1.27	33	1.25	93		1.25	61	1.81	90		1.50	83	0.98	17		0.58	5	1.09	60		1.13	58	0.95	172		0.74	147	1.43	23	1.25	23	0.78	53		0.76	52
	4.42	11	1.28	32		0.91	12	0.75	18		0.82	8	2.36	29		2.20	29	1.76	8		0.61	3	1.06	14		1.09	14	1.32	70		1.44	64	1.18	5	1.41	5	0.39	7		0.39	7
	2.92	6	1.44	25		1.70	6	1.22	23		1.29	11	2.20	28		1.91	28	0.73	3		7.32	1	0.76	11		0.80	11	0.80	39		0.69	33	0.71	3	0.55	3	0.54	10		0.54	10
	1.13	48	1.00	490		1.10	92	0.99	398		0.91	114	0.41	42		0.34	29	1.41	214		1.03	22	1.22	146		1.19	128	1.15	622		1.08	424	0.94	29	0.96	29	1.51	202		1.50	192
	0.83	3	1.19	88		1.83	23	0.87	44		1.06	24	0.43	9		0.50	9	1.42	21		2.01	7	1.02	29		0.98	27	0.94	102		0.83	82	0.95	8	0.78	8	0.58	20		0.58	19
	0.42	9	0.67	104		0.40	21	0.66	81		0.68	24	0.48	12		0.53	10	0.73	27		0.49	6	1.22	41		1.11	32	0.75	140		0.59	70	0.73	7	1.00	7	0.55	20		0.43	14
	–	–	0.82	29		0.51	5	1.10	29		2.06	13	1.49	5		1.11	4	2.56	20		12.33	5	0.70	4		0.65	4	0.98	46		1.07	31	0.40	1	0.51	1	0.23	2		0.34	2
	2.00	21	1.00	86		1.38	31	1.24	93		1.69	48	1.32	31		1.52	28	1.03	22		0.78	5	1.33	37		1.42	32	0.93	121		1.14	98	0.61	5	0.54	5	0.59	19		0.58	17
	27.92	1	1.70	11		1.12	4	2.27	13		2.74	9	2.48	4		2.74	4	–	–		–	–	2.18	4		2.08	4	1.11	17		1.05	16	0.96	1	0.75	1	0.74	3		0.84	3
	2.06	5	1.02	33		2.10	11	1.38	36		1.76	17	1.13	6		1.11	5	1.88	14		7.17	3	2.05	14		1.93	14	1.44	65		1.89	49	1.61	4	1.45	4	0.83	8		0.99	8
	1.28	26	1.01	155		1.26	53	0.94	123		1.13	61	0.87	37		0.86	36	1.23	51		0.89	7	1.38	71		1.40	66	1.12	251		1.35	201	1.20	17	1.11	17	1.08	62		1.09	61
	1.03	12	0.85	88		0.74	22	0.79	64		0.85	23	1.22	22		1.32	18	1.57	36		1.54	5	0.57	11		0.41	9	0.64	85		0.77	65	1.43	9	1.30	9	0.47	11		0.50	9
	1.27	9	1.01	44		1.31	17	1.35	54		1.38	26	1.13	16		1.27	15	1.23	13		0.55	2	1.65	29		1.77	28	1.56	118		1.63	100	1.15	6	1.20	6	1.22	25		1.32	25
	0.55	8	1.30	115		1.51	31	1.02	80		0.91	34	0.88	23		1.01	20	1.11	28		0.93	5	1.36	40		1.38	39	0.83	118		0.65	82	0.95	9	1.00	9	1.10	40		1.11	37
	1.28	5	1.17	51		1.50	19	1.07	46		0.91	27	0.77	15		0.76	15	1.01	11		0.48	4	1.05	24		1.06	22	1.58	143		1.66	121	1.12	8	1.08	8	1.03	30		1.06	29
	2.91	11	1.52	63		2.90	19	1.28	49		1.09	25	1.11	18		0.81	14	1.93	20		2.73	6	1.39	25		1.14	23	0.93	89		0.87	59	2.37	13	2.07	13	1.43	33		1.34	32
	–	–	0.50	5		0.86	2	1.91	16		3.63	9	5.29	13		4.81	12	2.53	3		21.87	1	1.12	3		0.85	3	0.89	17		0.81	13	1.63	2	1.85	2	1.31	7		1.16	7
	0.28	1	0.83	27		0.51	4	1.26	29		1.13	5	1.79	7		1.93	5	1.25	9		16.33	1	2.31	7		2.78	6	0.58	22		0.45	11	2.32	4	3.32	4	0.61	4		0.66	4
	15.66	4	1.43	19		4.07	11	1.25	10		2.52	7	4.40	12		3.72	11	2.73	8		3.40	2	2.88	7		3.11	7	1.53	30		2.08	25	1.68	2	1.34	2	0.88	4		0.82	4
	7.39	8	2.04	10		1.40	1	1.69	13		1.96	11	1.67	7		1.44	6	–	–		–	–	1.46	8		1.60	8	1.03	24		1.04	22	0.49	1	0.21	1	0.74	6		0.50	5
	12.12	1	2.91	2		2.73	1	1.45	1		1.45	1	2.99	7		2.95	7	13.95	1		–	–	1.09	2		0.86	2	0.85	7		0.60	7	–	–	–	–	0.24	1		0.18	1
	22.18	3	–	–		–	–	9.58	7		13.54	7	–	–		–	–	–	–		–	–	1.80	1		2.48	1	4.87	16		5.34	16	6.92	2	5.66	2	0.80	1		0.63	1
	4.54	2	1.38	8		2.69	4	1.95	17		1.92	12	2.09	11		1.80	10	4.53	4		5.32	1	2.73	18		2.82	18	2.30	60		2.13	53	0.84	2	1.38	2	1.10	11		0.94	11
	–	–	6.12	1		34.18	1	4.75	1		1.24	1	5.65	3		6.11	3	–	–		–	–	10.33	5		11.59	5	4.40	16		6.37	14	–	–	–	–	–	–		–	–
	3.93	8	1.55	24		2.95	12	1.08	17		1.01	10	2.18	22		2.11	21	2.94	9		0.65	1	1.37	15		1.20	15	1.50	61		1.46	56	1.17	4	1.18	4	0.75	11		0.56	11
	–	–	100.53	1		100.53	1	11.33	3		5.79	1	97.31	2		70.82	1	–	–		–	–	–	–		–	–	2.71	9		2.07	8	3.36	1	1.32	1	0.76	1		0.80	1
	2.30	29	1.06	125		1.15	31	1.58	174		1.69	81	0.39	19		0.25	14	1.15	46		2.67	21	1.40	88		1.23	83	1.64	323		1.58	263	1.09	16	1.23	16	1.97	149		1.82	147
	4.54	44	1.70	123		3.54	53	2.20	145		4.27	109	0.98	26		0.81	21	2.05	44		5.76	31	2.28	78		2.36	75	4.43	571		5.58	530	4.33	36	4.38	36	7.37	300		7.42	300
	0.83	15	0.80	88		0.71	26	1.08	119		0.94	52	0.60	26		0.61	22	1.07	37		0.70	6	0.62	32		0.63	32	0.80	161		0.78	129	1.17	17	1.16	17	1.22	75		1.17	71
	0.92	22	0.78	155		0.53	34	0.80	139		0.69	40	0.53	33		0.45	25	1.04	65		2.02	13	0.74	53		0.76	47	0.49	130		0.46	93	0.58	11	0.48	11	0.53	43		0.45	38
	0.88	22	1.29	124		1.09	28	1.31	117		1.19	44	0.64	24		0.46	19	0.92	27		1.56	9	0.89	44		0.61	38	1.21	208		1.09	159	0.82	11	0.71	11	1.42	85		1.42	81
	0.89	25	0.82	149		0.63	29	0.86	139		0.97	57	0.69	40		0.57	33	0.91	49		1.14	16	0.73	48		0.65	45	0.68	182		0.59	125	0.96	18	0.82	18	0.81	62		0.81	57
		–		–			–		1			1		1			1		–			–		6			6		9			9		–		6			6
	1.00	997	1.00	8,998		1.00	1,822	1.00	8,220		1.00	2,304	1.00	1,837		1.00	1,729	1.00	1,748		1.00	444	1.00	2,270		1.00	2,116	1.00	8,912		1.00	8,982	1.00	817		1.00	817	1.00	2,551		1.00	2,448

TABLE A
SUMMARY STATISTICS BY LOCAL HEALTH AREA
BRITISH COLUMBIA 1997–2001

Local Health Area	2001 Population	Live Birth Total	Live Birth Rate	Stillbirth Total	Stillbirth Rate[2]	Death Total	Death Rate	Infant Death Total	Infant Death Rate[1]	Low Birth Wt. Live Birth Total	Low Birth Wt. Live Birth Rate[1]	Cesarean Total	Cesarean Rate[1]	Pre-term Total	Pre-term Rate[1]	Teenage Mother Total	Teenage Mother Rate[1]	Elderly Gravida Total	Elderly Gravida Rate[1]
001 Fernie	17,825	675	8.08	–	–	372	4.45	1	1.48	18	26.67	128	189.63	20	29.63	54	80.00	79	117.04
002 Cranbrook	26,312	1,238	9.49	8	6.42	838	6.42	5	4.04	43	34.73	202	163.17	59	47.66	116	95.32	124	100.16
003 Kimberley	9,131	318	7.05	–	–	392	8.69	1	3.14	11	34.59	55	172.96	6	18.87	24	75.47	48	150.94
004 Windermere	10,376	381	8.01	2	5.22	199	4.18	2	5.25	10	26.25	54	141.73	10	26.25	22	57.74	50	131.23
005 Creston	13,170	659	9.99	3	4.53	683	10.36	5	7.59	26	39.45	115	174.51	38	57.66	100	151.75	87	132.02
006/007 Kootenay Lake/Nelson	29,675	1,259	8.61	15	11.77	1,050	7.18	6	4.77	48	38.13	191	151.71	54	42.89	53	42.10	230	182.68
009 Castlegar	13,863	579	8.39	6	10.26	528	7.65	4	6.91	34	58.72	126	217.62	43	74.27	30	51.81	67	115.72
010 Arrow Lakes	5,407	242	9.01	–	–	245	9.12	1	4.13	18	74.38	42	173.55	21	86.78	15	61.98	31	128.10
011 Trail	20,555	813	7.79	5	6.11	1,041	9.97	3	3.69	46	56.58	210	258.30	58	71.34	36	44.28	122	150.06
012/013 Grand Forks/Kettle Valley	13,236	470	7.13	3	6.34	585	8.87	2	4.26	17	36.17	95	202.13	30	63.83	40	85.11	72	153.19
014 Southern Okanagan	18,747	738	7.93	5	6.73	1,134	12.18	3	4.07	42	56.91	130	176.15	52	70.46	38	51.49	93	126.02
015 Penticton	40,272	1,647	8.19	8	4.83	2,257	11.23	2	1.21	99	60.11	262	159.08	130	78.93	137	83.18	243	147.54
016 Keremeos	4,757	228	9.74	2	8.70	259	11.07	1	4.39	10	43.86	35	153.51	11	48.25	20	87.72	27	118.42
017 Princeton	5,513	172	6.41	–	–	242	9.02	2	11.63	13	75.58	26	151.16	16	93.02	11	63.95	21	122.09
018 Golden	8,071	373	9.52	1	2.67	178	4.54	1	2.68	9	24.13	97	260.05	14	37.53	35	93.83	35	93.83
019 Revelstoke	8,740	427	9.69	2	4.66	285	6.47	2	4.68	20	46.84	104	243.56	24	56.21	30	70.26	63	147.54
020 Salmon Arm	33,970	1,185	7.18	9	7.54	1,382	8.38	4	3.38	61	51.48	357	301.27	58	48.95	71	59.92	178	150.21
021 Armstrong–Spallumcheen	10,041	421	8.49	3	7.08	352	7.10	1	2.38	18	42.76	104	247.03	27	64.13	21	49.88	53	125.89
022 Vernon	60,487	2,684	9.04	14	5.19	2,570	8.66	6	2.24	124	46.20	620	231.00	146	54.40	149	55.51	362	134.87
023 Central Okanagan	154,905	6,895	9.15	39	5.62	5,780	7.67	25	3.63	330	47.86	1,546	224.22	450	65.26	361	52.36	1,079	156.49
024 Kamloops	107,747	4,768	9.03	36	7.49	3,523	6.67	19	3.98	265	55.58	1,192	250.00	358	75.08	302	63.34	575	120.60
025 100 Mile House	16,484	654	7.99	4	6.08	533	6.51	4	6.12	40	61.16	128	195.72	40	61.16	48	73.39	88	134.56
026 North Thompson	5,451	269	10.06	1	3.70	128	4.79	2	7.43	5	18.59	51	189.59	8	29.74	27	100.37	36	133.83
027 Cariboo–Chilcotin	29,611	1,803	12.26	12	6.61	740	5.04	9	4.99	106	58.79	579	321.13	133	73.77	179	99.28	192	106.49
028 Quesnel	27,660	1,419	10.30	4	2.81	755	5.48	9	6.34	65	45.81	357	251.59	77	54.26	131	92.32	120	84.57
029 Lillooet	4,931	315	12.78	4	12.54	171	6.94	1	3.17	10	31.75	85	269.84	16	50.79	36	114.29	29	92.06
030 South Cariboo	8,005	347	8.78	1	2.87	299	7.56	1	2.88	16	46.11	65	187.32	16	46.11	42	121.04	44	126.80
031 Merritt	12,241	620	10.21	4	6.41	445	7.33	3	4.84	29	46.77	146	235.48	53	85.48	58	93.55	71	114.52
032 Hope	8,419	408	9.64	4	9.71	412	9.74	3	7.35	13	31.86	77	188.73	23	56.37	54	132.35	38	93.14
033 Chilliwack	72,050	4,073	11.46	26	6.34	2,888	8.13	18	4.42	212	52.05	913	224.16	263	64.57	334	82.00	520	127.67
034 Abbotsford	117,429	8,048	13.97	54	6.67	4,115	7.14	28	3.48	376	46.72	1,705	211.85	429	53.31	397	49.33	848	105.37
035 Langley	115,103	6,250	11.07	47	7.46	3,594	6.37	18	2.88	267	42.72	1,351	216.16	391	62.56	205	32.80	978	156.48
036 Surrey	361,369	24,565	13.91	152	6.15	10,515	5.95	116	4.72	1,446	58.86	5,768	234.81	1,708	69.53	831	33.83	3,651	148.63
037 Delta	102,314	5,235	10.30	38	7.21	2,659	5.23	13	2.48	257	49.09	1,196	228.46	330	63.04	118	22.54	1,119	213.75
038 Richmond	166,809	8,001	9.80	55	6.83	3,975	4.87	37	4.62	402	50.24	1,962	245.22	499	62.37	122	15.25	2,022	252.72
040 New Westminster	54,207	3,222	11.97	25	7.70	2,565	9.53	7	2.17	195	60.52	676	209.81	248	76.97	144	44.69	692	214.77
041 Burnaby	193,644	10,080	10.57	81	7.97	6,716	7.04	49	4.86	575	57.04	2,015	199.90	744	73.81	293	29.07	2,228	221.03
042 Maple Ridge	79,428	4,411	11.47	36	8.10	2,318	6.03	13	2.95	223	50.56	1,093	247.79	301	68.24	165	37.41	755	171.16
043 Coquitlam	190,488	10,945	11.70	66	5.99	4,298	4.60	31	2.83	558	50.98	2,299	210.05	757	69.16	261	23.85	2,386	218.00
044 North Vancouver	131,036	6,668	10.25	48	7.15	3,935	6.05	21	3.15	268	40.19	1,488	223.16	399	59.84	96	14.40	2,086	312.84
045 West Vancouver–Bowen Is.	49,483	1,523	6.17	13	8.46	2,326	9.42	3	1.97	63	41.37	350	229.81	93	61.06	15	9.85	608	399.21
046 Sunshine Coast	27,704	1,082	7.96	9	8.25	1,144	8.42	1	0.92	52	48.06	220	203.33	74	68.39	38	35.12	254	234.75
047 Powell River	20,808	855	8.24	6	6.97	839	8.08	6	7.02	31	36.26	233	272.51	37	43.27	74	86.55	111	129.82
048 Howe Sound	32,200	2,009	13.05	19	9.37	518	3.37	5	2.49	107	53.26	436	217.02	145	72.18	86	42.81	412	205.08
049 Bella Coola Valley	3,540	244	13.99	3	12.15	88	5.05	4	16.39	9	36.89	45	184.43	18	73.77	34	139.34	24	98.36
050 Queen Charlotte	5,960	360	12.49	5	13.70	142	4.93	4	11.11	16	44.44	70	194.44	24	66.67	27	75.00	50	138.89
051 Snow Country	845	53	12.18	–	–	20	4.60	1	18.87	2	37.74	10	188.68	1	18.87	3	56.60	–	–
052 Prince Rupert	18,589	1,204	12.73	9	7.42	442	4.67	3	2.49	47	39.04	208	172.76	74	61.46	149	123.75	127	105.48
053 Upper Skeena	6,165	399	13.22	1	2.50	136	4.51	3	7.52	24	60.15	69	172.93	31	77.69	66	165.41	32	80.20
054 Smithers	18,895	1,310	13.96	23	17.25	382	4.07	11	8.40	54	41.22	324	247.33	78	59.54	95	72.52	173	132.06
055 Burns Lake/Eutsuk	7,990	511	12.94	2	3.90	215	5.44	6	11.74	13	25.44	104	203.52	23	45.01	49	95.89	39	76.32
056 Nechako	18,720	1,270	13.75	9	7.04	441	4.77	5	3.94	60	47.24	236	185.83	69	54.33	127	100.00	109	85.83
057 Prince George	107,935	5,921	11.06	58	9.70	2,321	4.34	23	3.88	302	51.00	1,395	235.60	380	64.18	435	73.47	575	97.11
059 Peace River South	27,749	1,617	11.20	9	5.54	750	5.20	8	4.95	58	35.87	306	189.24	69	42.67	153	94.62	172	106.37
060 Peace River North	32,200	2,376	15.46	19	7.93	531	3.46	5	2.10	108	45.45	482	202.86	129	54.29	206	86.70	259	109.01
061 Greater Victoria	206,085	8,835	8.58	41	4.62	11,215	10.89	35	3.96	441	49.92	2,249	254.56	603	68.25	362	40.97	1,782	201.70
062 Sooke	54,984	2,929	10.83	16	5.43	1,444	5.34	11	3.76	138	47.12	715	244.11	197	67.26	122	41.65	485	165.59
063 Saanich	60,628	2,035	6.75	9	4.40	2,779	9.22	6	2.95	83	40.79	480	235.87	122	59.95	73	35.87	472	231.94
064 Gulf Islands	14,865	477	6.58	2	4.18	689	9.50	2	4.19	16	33.54	89	186.58	23	48.22	14	29.35	111	232.70
065 Cowichan	55,445	2,576	9.55	18	6.94	1,959	7.26	8	3.11	118	45.81	569	220.89	178	69.10	231	89.67	385	149.46
066 Lake Cowichan	6,715	290	8.77	2	6.85	174	5.26	2	6.90	13	44.83	73	251.72	14	48.28	28	96.55	34	117.24
067 Ladysmith	15,417	770	9.73	3	3.88	875	11.05	1	1.30	38	49.35	171	222.08	57	74.03	78	101.30	89	115.58
068 Nanaimo	95,964	4,133	8.80	28	6.73	3,621	7.71	15	3.63	192	46.46	904	218.73	288	69.68	304	73.55	602	145.66
069 Qualicum	41,366	1,294	6.48	6	4.62	2,038	10.20	5	3.86	39	30.14	329	254.25	79	61.05	60	46.37	240	185.47
070 Alberni	33,618	1,598	9.57	13	8.07	1,255	7.52	8	5.01	67	41.93	334	209.01	110	68.84	175	109.51	189	118.27
071 Courtenay	60,385	2,563	8.61	16	6.20	2,129	7.15	17	6.63	149	58.13	525	204.84	197	76.86	189	73.74	451	175.97
072/084 Campbell River/V.I. West	45,516	2,248	9.91	16	7.07	1,218	5.37	9	4.00	103	45.82	515	229.09	129	57.38	186	82.74	280	124.56
075 Mission	37,737	2,163	11.61	17	7.80	1,199	6.44	9	4.16	102	47.16	460	212.67	143	66.11	150	69.35	313	144.71
076 Agassiz–Harrison	8,630	400	9.78	2	4.98	319	7.80	1	2.50	12	30.00	85	212.50	17	42.50	42	105.00	46	115.00
077 Summerland	11,439	397	6.95	3	7.50	701	12.27	3	7.56	18	45.34	72	181.36	27	68.01	10	25.19	79	198.99
078 Enderby	7,834	352	9.15	5	14.01	347	9.02	5	14.20	24	68.18	103	292.61	24	68.18	23	65.34	51	144.89
080 Kitimat	12,848	670	10.31	4	5.93	252	3.88	3	4.48	30	44.78	221	329.85	40	59.70	58	86.57	73	108.96
081 Fort Nelson	6,645	486	14.78	5	10.18	81	2.46	2	4.12	15	30.86	119	244.86	22	45.27	42	86.42	32	65.84
083 Central Coast	2,112	121	11.80	–	–	56	5.46	2	16.53	5	41.32	26	214.88	20	165.29	15	123.97	9	74.38
085 Vancouver Island North	15,508	923	11.88	9	9.66	311	4.00	8	8.67	34	36.84	201	217.77	74	80.17	136	147.35	88	95.34
087/094 Stikine/Telegraph Creek	2,043	103	10.21	3	28.30	41	4.07	–	–	9	87.38	18	174.76	14	135.92	17	165.05	12	116.50
088 Terrace	24,244	1,475	12.28	15	10.07	526	4.38	3	2.03	65	44.07	334	226.44	121	82.03	134	90.85	150	101.69
092 Nishga	2,515	160	13.65	–	–	50	4.27	1	6.25	9	56.25	38	237.50	21	131.25	23	143.75	15	93.75
161 Vancouver City Centre	104,200	3,341	7.02	29	8.61	3,375	7.09	8	2.39	168	50.28	824	246.63	208	62.26	22	6.58	860	257.41
162 Vancouver Downtown E. Side	53,397	2,438	9.26	28	11.35	2,876	10.93	14	5.74	133	54.55	495	203.04	209	85.73	100	41.02	558	228.88
163 Vancouver North East	95,629	5,862	12.44	49	8.29	2,866	6.08	30	5.12	328	55.95	1,313	223.98	402	68.58	137	23.37	1,305	222.62
164 Vancouver West Side	125,185	4,914	7.99	30	6.07	4,045	6.58	14	2.85	244	49.65	1,146	233.21	326	66.34	25	5.09	1,705	346.97
165 Vancouver Midtown	86,349	5,476	12.80	40	7.25	2,577	6.02	34	6.21	324	59.17	1,283	234.30	406	74.14	140	25.57	1,492	272.46
166 Vancouver South	120,369	6,568	10.99	47	7.11	4,017	6.72	19	2.89	355	54.05	1,441	219.40	467	71.10	135	20.55	1,574	239.65
N.S.		13		3		35		–		2		4		2		3		1	
PROVINCIAL TOTAL	4,065,934	269,876	10.42	1,466	6.85	138,389	6.87	842	4.81	10,545	58.24	47,273	225.24	13,847	65.98	9,882	46.78	37,976	180.94

Local Health Area	01 All Causes of Death SMR	Death	TR	PYLLI	D <75	02 All Cancer Sites SMR	Death	TR	PYLLI	D <75	03 Lung Cancer SMR	Death	TR	PYLLI	D <75	04 End/Nut/Met. Diseases etc. SMR	Death	TR	PYLLI	D <75	05 Diabetes SMR	Death	TR	PYLLI	D
001 Fernie	1.01	6,716	▲	0.75	177	1.00	113		1.01	69	1.10	32	▼	1.00	20	0.89	8		1.50	4	0.74	5	▲	1.65	
002 Cranbrook	1.06	838		0.93	363	0.98	219	▼	0.84	122	1.15	68	▼	0.96	41	1.79	42	▼	1.32	17	1.57	27	▼	1.79	
003 Kimberley	0.99	392	▲	0.91	154	1.01	109	▲	1.13	60	1.06	31		1.13	18	1.53	14		2.65	8	1.66	11		3.22	
004 Windermere	0.75	199		0.73	92	0.78	62		0.82	39	0.86	17		0.89	11	2.56	14	▼	1.23	3	3.39	13	▼	1.59	
005 Creston	0.99	683	▲	1.15	252	1.12	210		1.22	111	1.09	54		1.20	38	1.28	27		0.98	9	0.87	14		0.84	
006/007 Kootenay Lake/Nelson	1.01	1,050	▲	1.14	438	1.04	295		1.14	169	1.15	85	▼	1.24	58	1.22	37	▼	3.04	18	1.15	26	▼	1.22	
009 Castlegar	1.06	528		1.17	224	0.94	129		1.07	73	0.88	31		0.95	21	1.40	20		1.15	7	1.85	19		1.49	
010 Arrow Lakes	1.09	245		1.32	99	1.15	69	▼	1.51	43	1.18	17	▼	1.22	10	1.21	6		4.23	2	1.09	3		1.95	
011 Trail	1.12	1,041	▲	1.14	375	1.03	258		1.26	148	1.04	67	▲	1.43	43	1.51	42	▼	3.06	15	1.68	36	▼	2.78	
012/013 Grand Forks/Kettle Valley	1.02	585	▲	1.11	266	1.01	184		1.01	101	0.91	38		1.21	28	1.27	20		2.40	10	1.40	17		2.35	
014 Southern Okanagan	0.96	1,134	▲	1.08	422	0.97	320		1.15	161	0.98	87		1.29	49	1.13	41		1.04	10	0.98	28		0.66	
015 Penticton	0.95	2,257	▲	0.96	753	1.03	638		1.11	311	0.93	149		0.91	74	1.06	77	▼	2.36	29	1.15	65	▼	2.10	
016 Keremeos	1.01	259		1.51	130	1.18	87		1.53	58	1.65	33		1.82	22	1.56	11		4.26	6	1.66	8		3.34	
017 Princeton	1.19	242		1.30	113	1.19	73		1.28	42	1.35	20	▼	1.87	13	1.72	8		3.31	4	2.21	8		4.25	
018 Golden	1.02	178	▲	1.10	103	1.10	55	▼	1.32	39	1.31	17	▼	1.33	12	2.36	6		1.51	2	6.67	6		6.29	
019 Revelstoke	1.23	285		1.21	136	1.00	67	▲	0.84	42	1.35	23		1.15	17	1.55	9		2.27	4	1.37	6		1.23	
020 Salmon Arm	0.96	1,382		1.03	594	1.03	421		1.19	242	1.07	118		1.33	76	0.87	38		0.79	12	1.04	35		1.12	
021 Armstrong–Spallumcheen	0.98	352		1.02	144	1.06	106	▼	1.15	63	1.02	25		1.31	14	1.41	13	▼	2.57	7	1.55	11	▼	2.60	
022 Vernon	1.03	2,570	▲	1.02	975	0.97	667		1.05	368	1.00	182	▼	1.10	115	1.15	89		1.48	37	1.21	71	▼	1.20	
023 Central Okanagan	0.88	5,780	▲	0.84	2,030	0.91	1,639	▲	0.95	855	0.87	411	▲	0.98	252	0.72	148		0.77	49	0.66	103		0.73	
024 Kamloops	1.11	3,523	▲	1.16	1,715	0.99	906	▲	0.93	550	1.05	259	▲	1.00	172	1.18	115		1.22	44	1.23	92		1.45	
025 100 Mile House	1.12	533	▲	1.24	315	0.93	139	▲	1.02	95	1.19	49		1.48	34	1.64	18		4.05	11	1.56	13		2.94	
026 North Thompson	1.13	128		1.20	79	1.06	36	▲	1.15	24	1.68	14		1.82	10	0.60	1		1.44	1	–	–		–	
027 Cariboo–Chilcotin	1.20	740	▲	1.37	435	0.93	169	▲	1.03	111	0.99	48	▲	1.03	32	1.69	26	▼	1.71	14	1.58	18	▼	1.84	
028 Quesnel	1.14	755	▲	1.11	415	1.17	226	▼	1.03	145	1.32	69		0.97	50	1.08	20		0.79	7	1.14	16		1.16	
029 Lillooet	1.40	171		1.40	85	1.04	36		1.27	22	1.84	11		1.53	8	3.77	8		2.67	2	4.29	7		3.24	
030 South Cariboo	1.15	299	▲	1.47	177	1.02	79		1.19	52	1.32	28		1.76	23	1.20	6		5.31	4	0.96	3		5.02	
031 Merritt	1.32	445	▲	1.73	261	1.08	104		1.16	69	1.00	25	▲	1.17	18	1.64	12		3.94	8	2.09	12		5.25	
032 Hope	1.23	412		1.63	206	1.08	104		1.22	65	1.16	30	▲	1.47	22	1.79	18		2.21	8	1.71	12		3.46	
033 Chilliwack	1.05	2,888	▲	1.12	1,158	1.10	833		1.18	458	1.05	209	▲	1.42	138	1.20	101	▼	1.20	41	1.39	90	▼	1.42	
034 Abbotsford	0.98	4,115		1.05	1,540	0.97	1,083		1.08	567	0.94	273	▼	1.12	169	1.09	141	▼	1.50	65	1.12	111	▼	1.56	
035 Langley	0.95	3,594	▲	0.97	1,517	1.03	1,063	▲	1.21	648	1.06	285		1.21	182	0.90	102		0.86	35	0.85	74		0.65	
036 Surrey	0.90	10,515	▲	1.00	4,498	0.92	2,929	▲	0.99	1,645	0.91	753	▲	1.00	465	0.95	340		1.31	157	0.98	269		1.21	
037 Delta	0.85	2,659	▲	0.70	1,037	0.92	800	▲	0.93	447	0.82	187	▲	0.84	117	0.75	71		0.88	32	0.84	59		0.89	
038 Richmond	0.86	3,975	▲	0.66	1,575	0.89	1,143	▲	0.79	665	0.98	327		0.81	195	0.94	128	▼	0.81	49	0.95	98		0.81	
040 New Westminster	1.17	2,565	▲	1.19	947	1.18	653	▲	1.11	329	1.24	175		1.21	105	1.30	87	▼	1.39	28	1.31	66	▼	1.78	
041 Burnaby	1.01	6,716	▲	0.87	2,446	0.99	1,752		0.91	927	1.00	459		0.90	270	1.02	210	▼	0.96	74	1.00	155		0.88	
042 Maple Ridge	1.10	2,318	▲	1.00	1,030	1.15	674		1.12	403	1.33	205		1.49	137	1.15	72		1.56	32	1.20	56		1.50	
043 Coquitlam	0.99	4,298	▲	0.82	2,020	1.03	1,273	▲	1.07	820	1.05	338	▲	0.93	216	1.14	147		1.14	65	1.25	121	▼	1.40	
044 North Vancouver	0.95	3,935	▲	0.74	1,509	0.97	1,119	▲	0.87	629	0.96	292	▲	0.86	169	1.01	127	▼	0.98	52	0.98	92		0.79	
045 West Vancouver–Bowen Is.	0.86	2,326	▲	0.59	589	0.87	620	▲	0.76	271	0.63	115		0.42	55	0.59	49	▲	0.64	11	0.56	35	▲	0.74	
046 Sunshine Coast	0.99	1,144	▲	1.06	486	1.09	357		1.16	210	1.16	101		1.24	68	0.76	26		1.37	10	0.87	23	▼	1.23	
047 Powell River	1.01	839	▲	1.08	361	1.14	260		1.21	151	1.15	70		1.13	46	0.95	24		1.30	7	0.72	13		0.97	
048 Howe Sound	1.04	518		0.96	302	0.88	125		0.80	91	1.04	38	▼	1.03	28	1.16	15		2.21	9	1.31	13		2.22	
049 Bella Coola Valley	1.35	88	▲	1.88	62	1.31	22		1.65	15	1.12	3		0.52	1	7.48	4		20.49	3	6.29	1		7.31	
050 Queen Charlotte	1.37	142		1.58	105	1.07	32	▲	1.51	29	1.19	7		1.73	7	2.30	3		7.49	1	2.85	2		15.25	
051 Snow Country	1.94	20	▲	2.08	19	2.95	6		2.90	6	–	–		–	–	56.31	2		398.16	2	35.50	1		35.50	
052 Prince Rupert	1.20	442	▲	1.24	255	1.09	114	▲	1.05	76	0.88	24		1.07	16	1.57	14	▲	1.26	6	1.77	12		1.53	
053 Upper Skeena	1.33	136		1.55	77	1.04	29	

TABLE B

MORTALITY IN BRITISH COLUMBIA BY LOCAL HEALTH AREA

BRITISH COLUMBIA 1997–2001

	06 Circulatory System					07 Ischemic Heart Disease					08 Cerebro. Disease/Stroke					09 Arteries/Arterioles/Capillaries					10 Respiratory System					11 Pneumonia and Influenza					12 Chronic Lung Disease					13 Digestive System					14 Motor Vehicle Accidents					15 Accidental Falls					16 Suicide					All
D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	D
3	1.07	137	↖	0.84	47	1.15	74	↖	1.19	33	0.90	24		0.97	6	1.05	5		0.33	1	0.96	34	↖	1.51	12	0.75	11		1.55	3	1.18	17		1.85	7	1.23	15		0.74	8	1.88	12		1.65	10	2.22	5		7.38	2	1.33	8		1.23	8	0.68	
12	1.12	304		0.91	84	1.07	144	↖	0.94	43	0.99	57	↖	1.06	9	1.33	18		0.79	4	1.12	87	↖	1.85	29	0.89	29	↖	3.48	7	1.46	47	↖	2.08	18	1.10	32	↖	1.93	23	1.37	13		1.36	13	1.03	7		5.40	3	1.68	20		1.23	20	1.16	
6	1.01	145	↖	1.00	38	1.04	74	↖	0.82	21	0.86	27		3.35	8	0.92	5	↖	2.12	1	1.03	43		0.85	9	0.55	10		0.43	2	1.45	25		1.63	7	1.34	17		1.39	6	0.86	2	↖	0.91	2	1.06	4		2.34	1	1.97	6		1.91	6	1.50	
2	0.59	52	↖	0.82	22	0.65	28	↖	1.02	16	0.57	10	↖	0.66	3	1.05	4		–	–	1.23	30	↙	1.07	7	1.48	13	↙	3.10	3	1.81	13		1.74	4	0.87	5		1.28	1	2.58	8		3.26	8	–	–		–	–	1.32	4		1.37	4	1.00	
5	0.90	233	↖	0.86	57	0.78	99	↖	0.79	31	0.94	55	↖	1.62	15	1.44	19		1.35	3	0.83	64		1.80	15	0.96	32	↙	4.08	6	0.84	26		1.12	7	1.05	26	↖	0.99	9	2.91	13		2.05	10	0.91	7	↖	–	–	2.48	12	↙	3.41	12	0.85	
10	1.02	375	↖	0.99	105	1.19	218	↖	0.98	60	0.87	72	↖	1.43	24	0.86	17	↖	1.66	7	0.81	88		0.94	16	0.75	35		2.94	8	0.96	42		0.45	5	0.80	28		0.94	9	2.59	34		2.55	30	1.38	15		1.94	1	1.52	23		1.27	23	1.36	
7	1.16	208	↖	1.13	60	1.24	110	↖	1.07	36	0.91	36	↖	1.12	7	2.13	20		3.65	7	0.79	41		1.23	9	0.74	17		3.48	5	0.76	15	↙	0.29	2	1.36	25		1.88	13	2.72	13		2.71	13	2.07	11		10.70	3	1.73	10		1.77	10	1.23	
1	0.92	75	↖	1.36	22	1.01	40	↖	0.94	12	1.00	17		9.10	7	2.42	7		1.26	1	1.64	38		4.63	7	1.64	17	↙	18.29	4	2.24	18		2.07	2	1.37	10	↖	4.77	5	5.20	8		4.91	6	1.71	3		–	–	0.69	1		0.80	1	1.34	
12	1.22	422	↖	1.31	101	1.32	223	↖	1.39	58	1.02	81	↖	1.33	14	1.84	34	↖	3.44	11	1.02	104		1.38	21	1.02	46		2.37	5	1.15	47		1.14	11	1.10	38	↖	1.20	17	1.34	11	↖	1.46	11	1.32	14		5.49	4	1.86	18	↙	1.99	17	1.15	
8	1.00	205	↖	0.86	65	1.09	113	↖	0.81	34	0.74	33		1.31	10	1.19	13		1.94	7	1.05	62		1.73	15	1.16	28		7.04	5	0.79	19		1.72	7	1.33	27		2.43	17	3.74	19		4.08	17	2.05	10	↙	–	–	2.30	12	↖	1.32	9	1.31	
6	1.00	439	↖	1.12	131	1.04	228	↖	1.45	81	0.95	94		0.91	20	1.11	27	↖	0.88	6	0.98	130		1.43	29	1.07	60		3.08	7	0.95	52		0.96	14	1.06	46		1.56	26	2.74	18		2.79	13	1.38	18		5.04	5	1.41	12	↙	1.45	8	1.03	
25	0.94	850	↖	1.12	196	0.93	412	↖	1.18	115	0.94	197		1.10	31	1.34	64		3.22	18	0.86	236		1.13	42	0.82	101		1.40	14	0.90	101		1.20	19	1.01	87		1.04	36	1.46	25	↖	1.17	21	1.18	35		3.05	5	1.06	23	↖	1.31	22	1.19	
4	0.97	90		1.05	29	1.18	55		0.84	16	0.65	12		3.95	5	0.93	4	↖	1.57	1	0.77	21		2.19	8	0.39	4	↖	1.20	1	1.20	13		0.81	4	1.57	13		3.37	8	6.12	9		7.58	9	1.49	3		–	–	1.71	2		1.51	2	1.36	
4	1.03	72	↖	1.18	28	0.96	34	↖	1.05	17	0.98	14		1.85	4	0.97	3		1.63	1	1.72	34		2.68	11	1.98	13		1.55	1	1.98	17		4.03	8	1.61	10		0.95	2	3.67	7	↖	1.44	4	6.84	5		27.62	4	3.21	5	↖	4.60	5	1.34	
2	1.01	55		1.06	20	0.94	26		1.35	12	0.81	9	↖	1.68	3	0.62	1		–	–	1.17	18	↖	1.92	9	1.15	6	↖	7.82	2	1.95	10		2.34	5	0.51	2		1.17	2	3.36	7		3.51	7	1.39	1		13.49	1	1.12	2		1.23	2	0.81	
3	1.54	119		2.21	46	1.12	43	↖	1.75	21	1.68	28	↙	4.28	9	1.76	7		3.00	2	1.29	27	↙	0.66	5	1.75	14	↙	2.43	1	1.13	10		0.90	4	1.79	13		1.04	5	3.91	12		3.72	12	3.29	7	↙	12.28	1	1.62	4		1.67	3	1.37	
12	0.99	512	↖	1.10	171	0.93	242	↖	1.19	98	0.99	113	↖	1.26	26	1.19	33	↖	1.67	13	0.86	132		0.87	30	0.81	53		1.21	10	0.99	62		0.94	14	0.75	40		0.63	16	2.31	36	↖	2.65	32	1.58	24		3.78	6	0.69	12		0.56	8	0.81	
6	1.06	134		1.23	31	1.00	63	↖	0.99	18	1.23	34	↙	4.26	6	1.40	9		0.89	2	0.85	31		1.54	9	0.83	13	↖	2.29	2	0.92	14		2.28	6	0.73	7	↖	–	–	3.27	13	↖	3.05	11	1.01	3		–	–	1.92	5		2.63	5	0.84	
29	1.05	958	↖	1.02	250	1.03	465	↖	0.92	121	1.05	218		0.86	46	1.52	75		2.86	26	0.98	267	↖	0.86	49	0.97	115	↖	0.90	11	1.02	113		1.25	31	1.04	97		1.02	41	1.49	43	↖	1.72	38	1.08	31		1.61	8	1.35	41		1.34	36	1.21	
35	0.87	2,111	↖	0.80	472	0.78	940	↖	0.71	241	0.80	445	↖	0.92	82	0.96	127		1.16	26	0.93	680		1.00	133	1.00	320		1.32	44	0.90	268	↙	0.90	85	0.87	214		1.05	84	0.70	51	↖	0.66	43	1.07	85	↖	1.66	20	1.17	97		1.17	88	0.89	
36	1.09	1,185	↖	1.20	420	1.07	584	↖	1.23	259	0.87	208	↖	0.95	58	1.10	64	↖	1.22	17	1.19	373		1.70	131	0.97	130		1.87	38	1.39	180	↙	1.45	65	1.20	145		1.48	84	1.54	78	↖	1.36	67	1.65	61		2.23	25	1.32	77		1.41	73	1.27	
8	1.27	198		1.60	94	1.35	109		1.54	58	1.23	40		2.42	15	1.55	12		2.76	6	1.15	50		2.25	20	0.88	15		1.17	6	1.21	23		1.23	8	1.61	28		3.19	23	2.62	18	↖	2.19	18	2.63	10	↙	7.86	4	1.50	12		1.37	10	1.71	
–	1.34	46		1.63	22	1.23	22		1.53	11	1.70	9	↙	3.42	4	6.24	4		4.58	3	1.15	9		1.20	4	0.94	2		–	–	2.70	7		2.67	4	4.65	10		5.94	8	5.09	10		4.61	9	2.28	1		20.18	1	5.87	3		2.65	3	1.18	
11	1.22	235	↖	1.12	96	0.94	92	↖	0.99	48	1.30	53		1.46	16	0.85	8	↖	2.75	6	1.24	66		1.46	20	1.08	23		2.45	6	1.46	32		1.76	12	1.15	27	↖	1.79	23	4.42	55	↖	4.31	55	2.90	11		7.49	5	2.12	31		2.15	30	1.51	
6	1.05	227	↖	1.14	94	0.98	108	↖	1.24	48	1.13	51	↖	1.42	21	1.02	11		1.62	5	1.34	82		1.93	32	1.28	31		3.71	9	1.55	40		2.62	19	1.36	34		1.27	18	2.14	25	↖	1.78	22	2.21	13	↙	1.45	3	1.31	17	↖	1.17	17	0.87	
2	1.26	50		1.47	21	1.17	23		1.78	10	1.29	10		3.08	7	5.89	5		12.78	1	1.97	22		4.25	10	1.90	8		13.54	4	2.44	11		2.62	4	1.81	7	↖	2.32	4	7.47	12		5.66	11	4.45	2		–	–	1.26	2	↖	1.27	2	2.87	
2	1.04	92	↖	1.33	45	1.04	47		1.20	22	0.79	15		0.91	6	1.93	5		12.97	2	1.94	49		5.42	22	1.25	12		1.42	2	2.93	29	↙	5.14	15	2.09	20	↖	3.61	14	2.02	6	↖	2.55	6	2.95	4		17.84	3	1.19	4	↖	1.16	3	0.91	
8	1.30	148	↖	1.89	62	1.47	85	↖	2.31	40	1.43	34		2.68	12	0.73	4		0.39	1	1.53	50		4.46	26	1.15	16		7.34	8	1.95	27		3.10	11	1.65	20		2.17	13	4.10	18		3.36	15	2.63	7		7.88	3	2.87	15		3.11	15	2.48	
8	1.17	139	↖	1.59	54	1.11	66	↖	1.53	28	0.89	23	↖	1.05	10	2.06	13		9.20	4	0.96	33	↖	1.24	8	1.11	15		–	–	0.82	12	↖	1.35	3	2.17	26	↙	3.06	11	4.43	14		3.72	12	1.17	3		7.66	1	2.33	8	↖	1.77	8	1.94	
35	1.09	1,082	↖	1.09	276	1.24	607	↖	1.11	173	1.02	229	↖	1.03	40	0.88	47	↖	0.61	14	0.99	293	↙	1.43	78	0.99	127		1.96	22	0.95	116		1.09	38	1.07	109	↖	1.13	42	1.37	42	↖	1.44	39	1.01	33		2.60	11	1.04	39		0.96	37	0.85	
51	1.02	1,562	↖	1.10	373	1.09	824	↖	1.06	202	0.87	306	↖	1.12	55	0.95	79		1.15	26	0.93	431		0.92	70	1.02	210		1.55	24	0.91	169	↙	0.64	31	0.91	141	↖	0.82	52	1.38	73	↖	1.44	69	0.67	34		0.97	9	0.98	57		1.05	53	0.52	
22	0.94	1,269	↖	1.07	359	1.02	679	↖	1.12	212	1.00	307		1.10	64	0.88	64		1.06	13	0.97	388		1.28	89	1.04	183		1.48	30	0.91	149	↖	1.10	43	0.96	135		0.97	65	1.08	56	↖	1.11	51	0.85	37	↖	0.90	6	0.77	47		0.84	45	0.72	
121	0.94	3,901	↖	1.02	1,098	1.03	2,113	↖	1.08	641	0.91	864	↖	1.06	195	0.95	213	↖	0.95	54	0.84	1,032	↖	0.89	228	0.78	428	↖	0.93	64	0.87	436		0.90	112	0.89	387	↖	0.97	185	0.93	153	↖	0.97	142	0.55	80	↖	0.57	18	0.86	163	↖	0.89	150	0.72	
26	0.89	970	↖	0.78	263	0.95	513	↖	0.82	152	0.86	217	↖	0.80	51	1.14	66		1.32	16	0.76	240		0.53	50	0.67	92		0.62	13	0.82	104	↖	0.62	25	0.74	88	↖	0.62	40	0.42	20	↖	0.28	13	0.75	26		0.48	5	0.69	37		0.75	35	0.61	
40	0.91	1,438	↖	0.73	400	0.95	743	↖	0.80	229	0.97	350	↖	0.71	72	0.77	64	↖	1.33	26	0.97	443		0.65	71	1.02	205	↙	0.74	22	0.96	163		0.41	26	0.77	135	↖	0.56	51	0.49	38	↖	0.53	33	0.90	47		0.62	9	0.60	56	↖	0.51	53	0.46	
23	1.21	979	↖	1.55	236	1.18	460	↖	1.48	135	1.40	267	↙	1.55	42	1.02	43	↖	1.98	9	1.18	284	↙	1.45	59	1.22	138	↙	1.33	18	1.12	104		1.25	27	1.08	87	↖	1.47	42	0.77	18	↖	0.85	15	0.90	26	↖	1.25	4	1.34	42	↖	1.21	40	1.34	
55	1.06	2,546	↖	0.84	562	1.10	1,290	↖	0.83	305	1.05	581	↖	0.93	105	0.93	117	↖	0.98	27	1.06	746		0.83	143	1.18	379		0.91	43	0.96	269		0.79	69	1.09	273		0.98	111	0.69	64	↖	0.64	55	0.78	67	↖	1.15	19	0.62	69		0.56	61	0.86	
20	1.18	849	↖	1.20	256	1.23	438	↖	1.23	149	1.19	193	↖	1.20	43	1.06	40	↖	1.38	14	1.18	243	↖	1.43	73	1.11	99	↖	1.31	19	1.40	119		1.67	44	0.93	74	↖	0.86	28	1.06	36	↖	1.11	33	0.79	19		1.17	7	1.17	47	↖	1.20	45	0.87	
54	1.03	1,467	↖	0.90	482	0.99	699	↖	0.93	265	1.14	364		0.93	94	1.02	75	↖	0.86	23	1.21	489	↖	1.18	140	1.23	214	↖	1.13	40	1.23	200		1.35	72	0.86	144	↖	0.71	67	0.48	40	↖	0.53	37	0.86	43	↖	0.55	14	0.74	76	↖	0.70	73	0.72	
35	0.99	1,426	↖	0.77	361	0.97	692	↖	0.80	196	1.09	357	↖	0.78	72	1.08	83	↖	0.96	21	1.05	443	↖	0.88	92	1.19	219	↖	1.12	27	0.93	158		0.93	48	0.93	146	↖	0.85	63	0.57	33	↖	0.64	30	0.82	41	↖	1.46	13	0.73	54		0.75	49	0.83	
8	0.84	863	↖	0.52	128	0.83	413	↖	0.48	74	1.07	256	↖	0.85	30	0.71	39	↖	0.96	4	0.97	298		0.50	35	1.24	173		0.94	12	0.78	92		0.76	20	0.87	88		0.56	22	0.50	10	↖	0.45	8	0.73	25	↖	2.89	6	0.62	16	↖	0.56	11	0.48	
7	1.00	419	↖	1.05	113	0.92	193	↖	1.02	62	1.07	101		0.95	16	0.93	21		1.53	6	0.92	113		1.19	27	0.91	48	↖	1.74	10	0.85	42		0.70	11	0.91	39		1.41	20	0.70	7	↖	0.72	6	1.42	18		7.62	7	1.45	20		1.62	20	1.22	
4	1.05	317	↖	1.21	94	0.98	147	↖	1.33	55	1.11	75	↖	1.45	19	1.31	20	↖	1.95	4	0.92	81		0.86	17	1.09	42		2.33	8	0.82	29		0.81	9	0.60	18	↖	0.71	8	0.55	3	↖	0.72	3	1.58	13		5.12	3	1.56	15		1.39	13	1.33	
8	1.07	154		1.06	64	0.97	71	↖	0.96	29	1.23	35		1.23	12	1.36	10		3.18	6	1.34	50		1.39	15	1.66	24	↙	2.12	6	1.33	21	↖	1.29	7	1.01	17		0.90	8	1.80	24		1.83	23	1.64	7	↙	2.93	3	1.18	19		1.08	18	1.47	
1	1.12	22	↖	1.98	13	1.12	10	↖	1.40	7	2.19	7		5.34	2	4.64	1		9.87	1	0.78	3		7.35	2	–	–		–	–	5.58	3		51.93	2	3.25	4		11.44	2	8.13	9		6.00	9	8.26	2		3.37	2	4.40	3		2.27	3	2.17	
1	1.34	41		1.61	21	1.06	15	↖	1.41	9	1.32	7		0.72	2	2.13	1		–	–	1.40	10	↙	3.52	6	2.25	6		11.34	3	–	–		–	–	–	–		4.01	9	1.81	5	1.89	3	↖	2.05	3	2.53	1		–	–	4.85	11		4.29	11	2.76	
1	3.62	6		4.63	5	1.43	1		2.28	1	15.55	2		15.27	2	–	–		–	–	–	–		–	–	–	–		–	–	–	–		–	–	–	–		–	–	13.15	3		7.69	3	–	–		–	–	–	–		1.29	
5	1.19	137	↖	1.42	60	1.00	58	↖	1.40	29	1.23	30		1.60	10	1.17	6	↖	5.00	6	0.97	31	↖	1.83	8	0.96	13		2.81	3	1.06	14		1.84	4	1.39	19		0.71	8	0.89	6	↖	0.75	6	3.51	10	↙	6.99	6	1.72	15		2.08	15	2.14	
–	1.35	40		1.89	18	0.96	14		2.16	8	1.67	8		0.59	2	–	–		–	–	1.92	15	↙	5.06	3	3.06	7	↙	2.03	1	2.38	6		–	–	–	3.29	7		4.57	6	4.28	9	↖	3.92	9	7.06	1		1.69	1	4.46	4		3.75	4	2.86	
4	1.25	134		1.17	49	1.05	57	↖	1.49	29	1.39	30		1.49	8	1.09	5	↖	0.24	1	1.17	34		1.52	10	0.92	11		1.99	3	1.44	15	↙	3.41	4	1.44	16		1.60	9	2.89	19	↖	3.10	19	1.00	2		5.68	1	0.95	8	↖	0.84	8	1.23	
1	1.11	67	↖	1.38	30	0.78	24	↖	1.37	16	1.11	14		2.87	5	1.72	4		1.99	2	1.08	18		0.96	5	1.44	9		2.88	1	1.78	9		1.93	4	2.27	15	↙	3.77	9	4.15	13	↖	4.58	13	2.88	2		–	–	1.31	4	↖	1.12	4	1.21	
8	1.18	135	↖	1.11	57	0.97	57	↖	1.07	31	1.39	33		1.92	12	0.68	3		0.77	2	0.80	25		1.72	14	0.86	8		5.56	4	0.89	12		1.50	8	1.14	16		1.83	11	3.12	25	↖	3.48	23	2.04	5		3.07	2	1.64	14		1.73	14	1.21	
31	1.15	670	↖	1.06	311	0.97	290	↖	1.00	156	1.35	166		1.09	60	1.13	34	↖	1.52	16	1.44	231		1.19	69	1.41	93	↖	1.32	21	1.69	113	↙	1.27	33	1.25	93	↖	1.25	61	1.81	90	↖	1.50	83	0.98	17	↖	0.58	5	1.09	60	↖	1.13	58	0.95	
20	1.22	259	↖	1.29	98	1.42	152	↖	1.78	68	0.98	45	↖	0.88	10	1.07	11		3.07	6	1.31	80		1.77	26	1.43	37	↙	4.42	11	1.28	32	↖	0.91	12	0.75	18	↖	0.82	8	2.36	29	↖	2.20	29	1.76	8		0.61	3	1.06	14		1.09	14	1.32	
9	1.07	175	↖	1.16	76	1.19	98	↖	1.64	54	0.63	22	↖	0.67	8	1.72	14		1.99	4	1.19	53		1.50	15	1.07	19		2.92	6	1.44	25		1.70	6	1.22	23		1.29	11	2.20	28	↖	1.91	28	0.73	3		7.32	1	0.76	11	↖	0.80	11	0.80	
86	0.99	4,180	↖	0.99	720	0.94	1,887	↖	0.97	393	1.01	1,017	↖	0.98	143	0.96	214	↖	1.12	33	0.95	1,216	↖	1.01	179	0.89	537	↖	1.13	48	1.00	490		1.10	92	0.99	398	↖	0.91	114	0.41	42	↖	0.34	29	1.41	214		1.03	22	1.22	146		1.19	128	1.15	
13	1.01	471	↖	1.06	161	0.91	215	↖	1.11	99	1.11	114		1.40	29	1.33	33	↖	1.14	8	0.95	126	↖	1.21	36	0.64	35	↖	0.63	3	1.19	66		1.83	23	0.87	44	↖	1.06	24	0.43	9	↖	0.50	9	1.42	21		2.01	7	1.02	29		0.98	27	0.94	
18	0.78	969	↖	0.62	184	0.68	417	↖	0.54	102	0.88	249	↖	0.73	32	1.25	85		1.42	13	0.76	287	↖	0.58	42	0.75	123	↖	0.42	9	0.67	104		0.40	21	0.66	81	↖	0.68	24	0.48	12		0.53	10	0.73	27	↖	0.49	6	1.22	41		1.11	32	0.75	
5	0.83	237	↖	0.93	61	0.79	112	↖	0.97	37	0.97	61	↖	1.87	14	0.85	9		2.82	2	0.82	69		0.33	7	0.84	29		–	–	0.82	29		0.51	5	1.10	29		2.08	13	1.49	5	↖	1.11	4	2.56	20		12.33	5	0.70	4

17 Alcohol-related Deaths				18 Medically Treatable Disease					19 Drug-induced Deaths				
Death	TR*	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
22	↑	0.38	16	–	–		–	–	–	–		–	–
65	↑	1.27	56	0.50	2		0.56	2	0.57	9		0.56	8
37	↑	1.39	31	0.67	1		0.66	1	0.89	4		0.46	4
21	↑	0.88	15	0.67	1		1.00	1	0.17	1		0.01	1
34	↑	1.02	28	0.99	2		0.75	2	1.09	8	↑	1.15	8
93	↑	1.46	72	1.06	5		1.34	5	0.71	13		0.58	12
40	↑	1.37	32	0.92	2		0.88	2	0.94	8		0.73	7
19	↑	1.51	14	2.30	2		2.72	2	0.61	2		0.32	1
83	↑	1.17	45	0.91	3		0.62	3	0.84	11	↑	0.79	10
49	↑	2.30	43	0.92	2		1.03	2	0.88	7		0.73	7
69	↑	1.03	49	0.70	2		1.31	2	0.95	10	↑	1.05	10
147	↑	1.30	99	0.85	5		0.78	5	0.67	16		0.59	15
22	↑	1.73	18	–	–		–	–	0.36	1		–	–
20	↑	1.87	15	–	–		–	–	0.61	2		0.72	2
12	↑	1.28	11	0.84	1		1.17	1	–	–		–	–
25	↑	0.83	16	–	–		–	–	–	–		–	–
74	↑	0.95	54	0.58	3		0.34	3	0.47	9		0.50	9
20	↑	0.97	15	–	–		–	–	0.17	1		0.01	1
185	↑	1.32	148	0.86	6		0.78	6	0.79	28	↑	0.91	25
346	↑	1.08	262	0.58	13		0.68	13	0.68	62	↑	0.70	59
294	↑	1.52	238	1.03	17		1.11	17	1.23	80	↑	1.28	76
67	↑	2.07	55	1.10	3		1.50	3	1.42	14	↑	1.54	14
12	↑	0.82	11	1.19	1		0.51	1	0.30	1		0.25	1
81	↑	1.65	67	1.33	6		1.37	6	0.49	9		0.60	9
47	↑	0.86	37	1.69	7		1.96	7	0.54	9	↑	0.51	9
28	↑	1.78	21	1.37	1		1.48	1	–	–		–	–
18		1.07	16	1.59	2		3.80	2	0.42	2		0.19	1
62	↑	2.75	51	2.79	5		2.79	5	1.80	13		1.55	13
44	↑	2.29	33	0.75	1		0.89	1	1.80	9		1.89	9
144	↑	0.71	100	1.40	14	↑	1.37	14	0.91	38	↑	0.85	38
130	↑	0.60	102	0.76	12		0.87	12	1.03	70	↑	1.12	69
174	↑	0.61	130	1.38	23	↑	1.49	23	0.61	42	↑	0.56	40
535	↑	0.72	414	0.95	49		0.93	49	1.12	242	↑	1.21	236
132	↑	0.46	90	0.50	8		0.50	8	0.35	22		0.33	21
153	↑	0.35	114	0.52	14		0.42	14	0.43	45		0.37	40
169	↑	1.32	132	1.92	16	↑	1.81	16	2.03	77		1.92	73
366	↑	0.69	269	0.77	23		0.69	23	0.87	111	↑	0.87	106
130	↑	0.56	94	1.14	13		0.97	13	0.73	35		0.73	35
247	↑	0.48	181	0.75	22	↑	0.77	22	0.54	66	↑	0.53	62
237	↑	0.61	162	1.03	22		1.16	22	0.64	55	↑	0.65	52
70	↑	0.41	42	0.60	5		0.64	5	0.68	20		0.58	15
90	↑	1.19	70	0.93	4		0.92	4	1.10	18		1.13	18
71	↑	1.60	58	1.82	6		1.46	6	0.94	12		1.08	12
71	↑	1.43	62	0.46	2		0.43	2	0.77	16	↑	0.71	15
13		1.95	12	1.96	1		1.46	1	0.47	1		0.17	1
28	↑	2.08	23	1.13	1		1.20	1	0.51	2		0.33	2
2		1.45	2	–	–		–	–	–	–		–	–
69	↑	2.12	64	1.82	5		1.14	5	1.16	14		1.18	14
27	↑	2.11	20	–	–		–	–	0.55	2		0.69	2
38	↑	1.25	32	0.74	2		0.95	2	0.17	2		0.21	2
19	↑	1.16	15	1.75	2		1.48	2	0.43	2		0.51	2
39	↑	1.07	33	1.15	3		1.03	3	0.27	3		0.18	2
172	↑	0.74	147	1.43	23		1.25	23	0.78	53	↑	0.76	52
70	↑	1.44	64	1.18	5		1.41	5	0.39	7		0.39	7
39	↑	0.69	33	0.71	3		0.55	3	0.54	10		0.54	10
622	↑	1.08	424	0.94	29		0.96	29	1.51	202	↑	1.50	192
102	↑	0.83	82	0.95	8		0.78	8	0.58	20		0.58	19
140	↑	0.59	70	0.73	7	↑	1.00	7	0.55	20	↑	0.43	14
46	↑	1.07	31	0.40	1		0.51	1	0.23	2		0.34	2
121	↑	1.14	98	0.61	5		0.54	5	0.59	19		0.58	17
17	↑	1.05	16	0.96	1		0.75	1	0.74	3		0.84	3
65	↑	1.89	49	1.61	4		1.45	4	0.83	8		0.99	8
251	↑	1.35	201	1.20	17		1.11	17	1.08	62	↑	1.09	61
85	↑	0.77	65	1.43	9		1.30	9	0.47	11		0.50	9
118	↑	1.63	100	1.15	6	↑	1.20	6	1.22	25	↑	1.32	25
118	↑	0.65	82	0.95	9		1.00	9	1.10	40	↑	1.11	37
143	↑	1.66	121	1.12	8		1.08	8	1.03	30	↑	1.06	29
89	↑	0.87	59	2.37	13		2.07	13	1.43	33	↑	1.34	32
17		0.81	13	1.63	2		1.85	2	1.31	7		1.16	7
22		0.45	11	2.32	4		3.32	4	0.61	4		0.66	4
30	↑	2.08	25	1.68	2		1.34	2	0.88	4		0.82	4
24	↑	1.04	22	0.49	1		0.21	1	0.74	6		0.50	5
7		0.60	7	–	–		–	–	0.24	1		0.18	1
16		5.34	16	6.92	2		5.86	2	0.80	1		0.63	1
60	↑	2.13	53	0.84	2		1.38	2	1.10	11	↑	0.94	11
16	↑	6.37	14	–	–		–	–	–	–		–	–
61	↑	1.46	56	1.17	4		1.18	4	0.75	11		0.56	11
9	↑	2.07	8	3.36	1		1.32	1	0.76	1		0.80	1
323	↑	1.58	263	1.09	16	↑	1.23	16	1.97	149		1.82	147
571	↑	5.58	530	4.33	36		4.38	36	7.37	300		7.42	300
161	↑	0.78	129	1.17	17		1.16	17	1.22	75	↑	1.17	71
130	↑	0.46	93	0.58	11		0.48	11	0.53	43		0.45	38
208	↑	1.09	159	0.82	11	↑	0.71	11	1.42	85		1.42	81
182	↑	0.59	125	0.96	18		0.82	18	0.81	62	↑	0.81	57
9			9		–			–		6			6
6,812	↑	1.00	5,862	1.00	617	↑	1.00	617	1.00	2,551	↑	1.00	2,446

SUMMARY STATISTICS BY

BRITISH C

	Health Service Delivery Area	2001 Population	Live Birth Total	Live Birth Rate	Stillbirth Total	Stillbirth Rate[2]	Dea Total	SMR
11	East Kootenay	84,885	3,644	8.85	14	3.83	2,662	0.98
12	Kootenay Boundary	82,736	3,383	8.15	29	8.55	3,449	1.06
13	Okanagan	313,995	13,534	8.79	79	5.80	13,642	0.94
14	Thompson/Cariboo	227,180	10,388	9.30	73	6.98	7,506	1.11
21	Fraser Valley	244,265	15,092	12.57	103	6.78	8,933	1.04
22	Simon Fraser	517,767	28,658	11.27	208	7.21	15,897	1.04
23	South Fraser	578,786	36,050	12.70	237	6.53	16,768	0.90
31	Richmond	166,809	8,001	9.80	55	6.83	3,975	0.86
32	Vancouver	585,129	28,626	10.04	224	7.76	19,824	1.04
33	North Shore/Coast Garibaldi	266,883	12,502	9.48	98	7.78	8,906	0.94
41	South Vancouver Island	398,722	17,142	8.67	88	5.11	18,260	0.98
42	Central Vancouver Island	246,750	10,358	8.54	66	6.33	9,918	1.04
43	North Vancouver Island	61,024	3,171	10.41	25	7.82	1,529	1.11
51	Northwest	92,104	5,734	12.50	60	10.36	1,991	1.18
52	Northern Interior	162,305	9,121	11.33	73	7.94	3,732	1.18
53	Northeast	66,594	4,479	13.54	33	7.32	1,362	1.08
	N.S.	–	13		3		35	
	Provincial Total	**4,995,934**	**209,876**	**10.42**	**1,488**	**6.95**	**138,389**	**1.00**

SUMMARY STATIST

BRITISH C

	Health Authority	2001 Population	Live Birth Total	Live Birth Rate	Stillbirth Total	Stillbirth Rate[2]	Dea Total	SM
01	Interior	708,796	30,929	8.88	195	6.27	27,259	1.0
02	Fraser	1,340,818	79,800	12.12	548	6.82	41,598	0.9
03	Vancouver Coastal	1,018,821	49,129	9.85	377	7.62	32,705	0.9
04	Vancouver Island	706,496	30,671	8.78	179	5.80	29,707	1.0
05	Northern	321,003	19,334	12.13	166	8.51	7,085	1.1
	N.S.	–	13		3		35	
	Provincial Total	**4,995,934**	**209,876**	**10.42**	**1,488**	**6.95**	**138,389**	**1.0**

Note: Total is the number of events in the specified category for the 1997 to 200
Infant Death – deaths of children under one year of age.
Low Birth Weight live births – live births with birth weight <2,500 grams
Cesarean – live births delivered by cesarean section.
Pre-term – live births with gestational age <37 weeks.
Teenage Mother – live births to mothers under 20 years of age.
Elderly Gravida – live births to mothers 35 years of age or older.
Death is the total number of deaths from the specified cause for the 1997
D<75 is the number of deaths under 75 years of age from the specified c
SMR – Standardized Mortality Ratio.
PYLLI – Potential Years of Life Lost Index.
Rate – per 1,000 population in the specified area.
Rate[1] – rate per 1,000 live births in the specified area.
Rate[2] – per 1,000 total births in the specified area.
SMR, PYLLI, and Rate are based on the five year period from 1997 to 200
☐ Statistical testing indicates that observed deaths are statistically di
denotes statistical significance based on less than five cases.
TR – Trend in ASMR based on three year moving average from 1986 to 2
↑* indicates a statistically significantly positive (increasing) trend a
↓* indicates a statistically significantly negative (decreasing) trend
TR* – Trend reflects change in *Medical Certification of Death* form introd
Five live births with gender unknown are excluded from birth data in
Three deaths with gender unknown are excluded from mortality data
HSDA 32 Vancouver may include unspecified Vancouver addresses.
N.S. – Not stated.
Non-residents are excluded.

TABLE C

HEALTH SERVICE DELIVERY AREA

COLUMBIA 1997–2001

h	Infant Death		Low Birth Wt. Live Birth		Cesarean		Pre-term		Teenage Mother		Elderly Gravida		01 All Causes of Death					02 All Cancer Sites					03 Lung Cancer					04 End/Nut/Met. Diseases etc.					05 Diabetes					06 Circulatory System					07 Ischemic Heart Disease					08 Cerebro. Disease/Stroke				
Rate	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
6.46	15	4.12	117	32.11	651	178.65	147	40.34	353	96.87	423	116.08	0.98	2,862	↘	0.90	1,141	1.00	768		0.96	440	1.08	219	↗	0.99	140	1.35	111		0.85	43	1.24	76		1.02	30	0.98	926	↘	0.86	268	0.94	445	↘	0.90	156	0.86	182	↘	0.87	44
8.36	16	4.76	163	48.47	664	197.44	206	61.25	174	51.74	522	155.22	1.06	3,449	↘	1.14	1,402	1.02	915		1.13	534	1.01	238		1.14	160	1.25	125	↗	1.85	52	1.34	101	↗	1.49	38	1.09	1,285	↘	1.03	353	1.20	704	↘	1.01	200	0.89	239	↘	1.22	62
8.86	48	3.55	678	50.10	2,898	214.13	883	65.24	770	56.89	2,008	148.37	0.94	13,642	↘	0.95	4,916	0.96	3,808	↘	1.02	2,001	0.93	971		1.01	575	0.90	411		1.09	152	0.90	313		0.98	117	0.94	5,051	↘	0.92	1,221	0.91	2,403	↘	0.89	658	0.90	1,098	↘	0.91	208
6.72	45	4.33	552	53.14	2,707	260.59	706	67.96	793	76.34	1,276	122.83	1.11	7,506	↘	1.22	3,797	0.99	1,957	↘	0.99	1,207	1.08	575	↘	1.11	390	1.11	233	↗	1.14	100	1.16	186	↗	1.22	82	1.12	2,585	↘	1.25	986	1.07	1,247	↘	1.27	567	1.00	510	↘	1.24	153
7.44	59	3.91	715	47.38	3,240	214.68	875	57.98	977	64.74	1,765	116.95	1.04	8,933	↘	1.12	3,628	1.04	2,433		1.13	1,345	1.01	620		1.24	400	1.19	316	↗	1.31	141	1.26	255	↗	1.56	118	1.06	3,281	↘	1.12	875	1.16	1,762	↘	1.14	505	0.95	668	↘	1.00	137
6.25	100	3.49	1,551	54.12	6,083	212.26	2,050	71.53	863	30.11	6,061	211.49	1.04	15,897	↘	0.90	6,443	1.05	4,352	↘	1.01	2,479	1.09	1,177		1.02	728	1.10	516	↗	1.05	199	1.12	398	↗	1.12	152	1.09	5,841	↘	0.98	1,536	1.10	2,887	↘	0.99	854	1.14	1,405	↘	0.99	284
5.91	147	4.08	1,970	54.65	8,315	230.65	2,429	67.38	1,154	32.01	5,748	159.45	0.90	16,768	↘	0.94	7,052	0.94	4,792	↘	1.02	2,740	0.92	1,225	↘	1.01	764	0.89	513		1.05	224	0.92	402		0.96	169	0.93	6,140	↘	0.98	1,720	1.01	3,305	↘	1.03	1,005	0.92	1,388	↘	0.99	310
4.87	37	4.62	402	50.24	1,962	245.22	499	62.37	122	15.25	2,022	252.72	0.86	3,975	↘	0.66	1,575	0.89	1,143	↘	0.79	665	0.98	327		0.81	195	0.94	128	↗	0.81	49	0.95	98		0.81	40	0.91	1,438	↘	0.73	400	0.95	743	↘	0.80	229	0.97	350	↘	0.71	72
6.95	119	4.16	1,552	54.22	6,506	227.28	2,020	70.57	562	19.63	7,500	262.00	1.04	19,824	↘	1.12	8,125	0.97	4,844	↘	0.96	2,595	0.98	1,241	↘	0.92	716	1.08	635	↗	1.05	230	1.04	460	↗	1.03	170	0.97	6,688	↘	1.03	1,736	0.97	3,239	↘	0.89	903	1.03	1,847	↘	1.11	337
6.75	42	3.36	535	42.79	2,798	223.80	786	62.87	358	28.64	3,504	280.28	0.94	8,908	↘	0.82	3,351	0.97	2,509	↘	0.88	1,371	0.91	620		0.82	368	0.85	249		0.95	95	0.81	179		0.77	64	0.95	3,214	↘	0.81	780	0.92	1,529	↘	0.79	424	1.08	834	↘	0.83	152
9.23	64	3.73	809	47.19	4,175	243.55	1,137	66.33	830	48.42	3,269	190.70	0.98	18,260	↘	0.96	5,865	1.04	5,005	↘	1.05	2,391	1.01	1,249		1.01	670	0.87	501		1.16	189	0.81	356		1.05	132	0.94	6,586	↘	0.93	1,354	0.88	2,995	↘	0.91	749	0.97	1,582	↘	0.96	254
8.18	46	4.44	485	46.82	2,263	218.48	731	70.57	806	77.81	1,571	151.67	1.04	9,918	↘	1.08	4,148	1.05	2,848	↘	1.08	1,626	1.01	732	↘	1.04	464	0.95	285	↗	0.86	100	0.97	224	↗	0.84	75	1.07	3,654	↘	1.16	1,083	1.08	1,843	↘	1.19	609	1.06	819	↘	1.25	204
5.02	17	5.36	137	43.20	716	225.80	203	64.02	322	101.55	368	116.05	1.11	1,529	↘	1.17	870	1.10	441		1.12	298	1.33	142	↗	1.28	104	0.95	38		0.97	20	1.11	34	↗	1.34	19	1.12	494	↘	1.28	212	1.03	230	↘	1.35	120	1.12	107		1.31	42
4.34	29	5.06	256	44.65	1,292	225.32	404	70.46	572	99.76	632	110.22	1.18	1,991	↘	1.20	1,208	0.99	494	↘	0.96	354	0.95	126		1.04	100	1.30	60		1.79	33	1.35	47	↗	1.67	24	1.23	628	↘	1.30	276	1.06	279	↘	1.43	146	1.19	129		1.09	44
4.64	43	4.71	440	48.24	2,092	229.36	549	60.19	742	81.35	843	92.42	1.18	3,732	↘	1.12	2,183	1.17	1,097		1.05	756	1.23	311	↘	1.02	224	1.30	119	↘	0.75	54	1.39	96		1.03	46	1.13	1,099	↘	1.07	492	0.96	479	↘	1.05	251	1.27	264		1.14	98
4.12	15	3.35	181	40.41	907	202.50	220	49.12	401	89.53	463	103.37	1.08	1,362	↘	0.98	757	0.97	351		0.85	232	1.13	108		1.07	75	1.49	54	↗	1.98	39	1.58	43	↗	2.44	32	1.14	450	↘	1.16	185	1.29	259	↘	1.60	128	0.81	70	↘	0.65	19
	–		2		4		2		3		1			35			34		2			1		1			1		–			–		–			–		2			2		1			1		–			–
6.87	842	4.01	10,545	50.24	47,273	225.24	13,847	65.98	9,882	46.70	37,976	180.94	1.00	138,389	↘	1.00	56,495	1.00	37,750	↘	1.00	21,035	1.00	9,882	↘	1.00	6,874	1.00	4,294	↗	1.00	1,720	1.00	3,268	↗	1.00	1,368	1.00	49,362	↘	1.00	13,479	1.00	24,350	↘	1.00	7,505	1.00	11,292	↘	1.00	2,418

TABLE D

MORTALITY IN BRITISH COLUMBIA BY H

BRITISH COLUMBIA 1

TABLE E

ICS BY HEALTH AUTHORITY

COLUMBIA 1997–2001

h	Infant Death		Low Birth Wt. Live Birth		Cesarean		Pre-term		Teenage Mother		Elderly Gravida		01 All Causes of Death					02 All Cancer Sites					03 Lung Cancer					04 End/Nut/Met. Diseases etc.					05 Diabetes					06 Circulatory System					07 Ischemic Heart Disease					08 Cerebro. Disease/Stroke				
Rate	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	Total	Rate[1]	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
7.83	124	4.01	1,510	48.82	6,920	223.74	1,942	62.79	2,090	67.57	4,229	136.73	1.00	27,259	↘	1.06	11,256	0.98	7,448	↘	1.01	4,182	0.99	2,003		1.05	1,265	1.03	880	↗	1.07	347	1.03	676	↗	1.00	267	1.01	9,847	↘	1.02	2,828	0.98	4,799	↘	1.02	1,581	0.91	2,029	↘	1.03	465
6.32	306	3.83	4,236	53.08	17,638	221.03	5,354	67.09	2,994	37.52	13,574	170.10	0.98	41,598	↘	0.96	17,123	1.00	11,577	↘	1.04	6,564	1.00	3,022	↘	1.05	1,892	1.02	1,345	↗	1.05	564	1.06	1,055	↗	1.11	439	1.02	15,262	↘	1.00	4,131	1.07	7,954	↘	1.03	2,364	1.01	3,461	↘	0.98	731
6.56	198	4.03	2,489	50.66	11,266	229.31	3,305	67.27	1,042	21.21	13,026	265.14	0.99	32,705	↘	0.96	13,051	0.96	8,496	↘	0.91	4,631	0.96	2,188	↘	0.87	1,279	0.99	1,012	↗	0.93	374	0.96	737	↗	0.89	274	0.96	11,340	↘	0.92	2,916	0.95	5,511	↘	0.84	1,556	1.04	2,831	↘	0.95	561
8.50	127	4.14	1,431	46.66	7,154	233.25	2,071	67.52	1,958	63.84	5,208	169.80	1.01	29,707	↘	1.02	10,883	1.04	8,294	↘	1.06	4,315	1.02	2,123		1.03	1,238	0.89	824	↗	0.98	309	0.87	614	↗	0.97	226	0.99	10,734	↘	1.03	2,649	0.95	5,068	↘	1.05	1,478	1.00	2,508	↘	1.09	500
4.44	87	4.50	877	45.36	4,291	221.94	1,173	60.67	1,715	88.70	1,938	100.24	1.16	7,085	↘	1.11	4,148	1.08	1,942	↘	0.98	1,342	1.13	545		1.02	399	1.29	233	↗	1.04	126	1.36	186	↗	1.22	102	1.16	2,177	↘	1.14	953	1.06	1,017	↘	1.25	525	1.15	463	↘	1.00	161
	–		2		4		2		3		1			35			34		2			1		1			1		–			–		–			–		2			2		1			1		–			–
6.87	842	4.01	10,545	50.24	47,273	225.24	13,847	65.98	9,882	46.70	37,976	180.94	1.00	138,389	↘	1.00	56,495	1.00	37,750	↘	1.00	21,035	1.00	9,882	↘	1.00	6,874	1.00	4,294	↗	1.00	1,720	1.00	3,268	↗	1.00	1,368	1.00	49,362	↘	1.00	13,479	1.00	24,350	↘	1.00	7,505	1.00	11,292	↘	1.00	2,418

TABLE F

MORTALITY IN BRITISH COLUMBI

BRITISH COLUMBIA 1

01 period.

ns.

7 to 2001 period.
ause.

01.
fferent from the expected deaths (p<0.05 two tailed).

2001; See Glossary under Trend Analysis of ASMR for a full explanation.
nd
(in areas with an average of less than 1 death per year in the 16 year period 1986 to 2001 trends are not shown).
ced in 1993. Please see Highlights to Table 39 for details.
ables A, C and E.
Tables B, D and F.

EALTH SERVICE DELIVERY AREA

1997–2001

	09 Arteries/Arterioles/Capillaries					10 Respiratory System					11 Pneumonia and Influenza					12 Chronic Lung Disease					13 Digestive System					14 Motor Vehicle Accidents					15 Accidental Falls					16 Suicide					17 Alcohol-related Deaths					18 Medically Treatable Disease					19 Drug-induced Deaths				
	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR*	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
	1.03	52	↘	0.39	9	0.99	276	↘	1.22	81	0.84	101		1.53	23	1.21	138		1.47	48	0.95	97		0.91	49	1.45	55	↘	1.52	50	0.79	24	↘	2.01	7	1.20	52		1.19	52	1.01	191	↙	1.02	157	0.54	7		0.59	7	0.44	22		0.38	21
	1.43	91	↘	1.96	33	0.95	333		1.10	68	0.92	143		2.18	27	0.99	141		0.71	27	1.04	128		1.23	61	2.12	85		2.29	77	1.33	53		1.75	8	1.39	64		1.27	60	1.27	264	↙	1.51	206	1.06	14		1.12	14	0.80	41	↙	0.67	37
	1.15	339	↘	1.34	83	0.94	1,510		1.00	306	0.95	675		1.09	85	0.94	624		1.03	182	0.95	513		1.02	209	1.22	185	↘	1.21	155	1.09	197		1.16	45	1.14	199		1.24	179	1.02	861	↙	1.31	712	0.69	32	↘	0.82	35	0.70	128	↙	0.77	129
	1.14	142	↘	1.35	51	1.16	778		1.59	268	0.96	273		1.46	75	1.37	381	↙	1.49	137	1.20	310	↘	1.47	190	2.30	245	↘	2.28	225	1.62	127		1.92	48	1.29	160		1.35	147	1.33	661	↙	1.33	459	1.09	38		1.19	35	0.94	128	↙	0.90	114
	0.95	160	↘	1.17	52	1.00	924	↙	1.20	199	1.05	428		1.38	57	0.97	365		1.06	93	1.07	341	↘	1.02	139	1.40	160	↘	1.43	146	0.89	93		1.30	28	1.02	132		1.00	124	0.75	404	↙	0.75	307	1.24	42	↙	1.25	42	1.10	157	↙	1.11	155
	0.97	275	↘	0.96	73	1.12	1,762		0.99	415	1.17	830		0.90	120	1.12	692		1.14	212	0.99	578	↘	0.88	248	0.66	158	↘	0.64	140	0.81	155	↘	0.84	44	0.81	234	↘	0.77	219	0.87	912	↙	0.66	676	0.94	74		0.88	74	0.86	289	↙	0.84	276
	0.96	343	↘	0.97	83	0.85	1,660		0.84	367	0.81	703		0.84	107	0.87	689	↘	0.88	180	0.87	610	↘	0.88	290	0.86	229	↘	0.87	206	0.62	143	↘	0.53	29	0.80	247		0.84	230	0.70	841	↙	0.65	634	0.95	80	↙	0.96	80	0.88	306	↙	0.92	297
	0.77	64	↘	1.33	26	0.97	443		0.65	71	1.02	205	↙	0.74	22	0.89	163		0.41	26	0.77	135	↘	0.56	51	0.49	38	↘	0.42	33	0.90	47		0.62	9	0.60	56	↘	0.51	53	0.46	153	↙	0.35	114	0.52	14		0.42	14	0.43	45		0.37	40
	0.81	294	↘	1.02	74	1.10	2,251		1.09	457	1.21	1,138		1.15	157	0.98	774		1.02	201	1.16	833	↘	1.32	384	0.60	171	↘	0.49	137	1.06	269	↘	1.70	97	1.01	345	↘	0.97	322	1.29	1,593	↙	1.39	1,317	1.25	111	↘	1.22	111	1.84	730		1.81	710
	0.96	174	↘	1.11	42	1.00	994	↘	0.75	191	1.15	512	↘	0.85	66	0.87	345	↘	0.79	97	0.89	319	↘	0.84	130	0.69	86	↘	0.76	79	0.90	106		1.52	34	0.85	128	↘	0.85	115	0.92	568	↙	0.86	422	0.99	42		1.02	42	0.73	123	↙	0.72	114
	1.03	387	↘	0.99	68	0.92	1,943	↘	0.92	332	0.87	835	↘	0.89	82	0.94	786		0.99	176	0.95	658	↘	0.99	232	0.53	103	↘	0.57	84	1.23	304		0.94	45	1.15	261		1.13	227	1.02	1,048	↙	0.98	721	0.84	51	↘	0.87	51	1.06	266	↙	1.06	247
	1.15	217	↘	1.05	54	0.94	953		1.08	249	0.83	360	↘	0.83	60	1.03	435		1.16	134	0.99	357		1.02	161	0.89	104	↘	0.95	94	1.23	140		0.71	22	1.21	165		1.25	156	1.03	637	↙	1.16	497	1.19	45		1.15	45	0.99	146	↙	1.04	140
	1.40	31	↘	1.49	9	0.96	119		1.00	40	0.81	41		1.12	7	1.16	59		1.50	23	1.21	63	↙	1.15	39	0.99	26	↘	0.95	25	1.14	15		0.81	5	1.26	42	↘	1.35	40	1.74	203	↙	1.78	174	1.05	10		1.16	10	1.05	41	↙	1.03	40
	0.86	23	↘	0.63	9	1.40	199		1.64	71	1.55	91		1.88	26	1.20	71	↙	1.58	23	1.32	85		1.00	51	1.81	74	↘	1.82	71	1.35	23		1.07	9	1.38	66	↘	1.41	66	1.77	274	↙	1.70	241	1.05	14		0.87	14	0.66	38		0.59	37
	1.00	52	↘	1.17	25	1.30	356		1.18	120	1.24	141		1.27	35	1.52	174		1.49	64	1.30	158	↘	1.33	99	2.04	153	↘	1.87	141	1.22	37	↘	0.60	10	1.10	95	↘	1.14	93	0.98	277	↙	0.82	232	1.45	35		1.36	35	0.67	67		0.64	65
	1.34	27		2.32	12	1.22	136		1.47	43	1.21	57		3.01	18	1.28	59		0.93	19	0.90	42	↘	0.87	20	2.20	64	↘	2.02	64	1.01	12		1.52	4	0.83	27	↘	0.85	27	1.06	116	↙	1.01	104	0.86	8		0.88	8	0.44	18		0.44	18
		1			1		–			–		–			–		–			–		1			1		1			1		–			6			6		9			9		–			–		6			6
	1.00	2,672	↘	1.00	704	1.00	14,637		1.00	3,278	1.00	6,533	↘	1.00	987	1.00	5,898		1.00	1,822	1.00	5,228	↘	1.00	2,354	1.00	1,937	↘	1.00	1,728	1.00	1,745	↘	1.00	444	1.00	2,279	↘	1.00	2,118	1.00	9,012	↙	1.00	6,982	1.00	617	↘	1.00	617	1.00	2,551	↙	1.00	2,446

A BY HEALTH AUTHORITY

1997–2001

	09 Arteries/Arterioles/Capillaries					10 Respiratory System					11 Pneumonia and Influenza					12 Chronic Lung Disease					13 Digestive System					14 Motor Vehicle Accidents					15 Accidental Falls					16 Suicide					17 Alcohol-related Deaths					18 Medically Treatable Disease					19 Drug-induced Deaths				
	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR*	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
	1.16	624	↘	1.21	176	0.99	2,897		1.18	723	0.93	1,192		1.28	210	1.07	1,284		1.13	374	1.02	1,048	↘	1.14	509	1.69	570	↘	1.72	507	1.20	401		1.43	108	1.21	475	↘	1.26	438	1.14	1,977	↙	1.31	1,534	0.85	91	↘	0.95	91	0.76	319	↙	0.75	301
	0.96	778	↘	0.95	208	0.98	4,346		0.95	981	0.99	1,961		0.92	284	0.98	1,746		0.98	485	0.95	1,529	↘	0.89	677	0.88	547	↘	0.88	492	0.73	391	↘	0.73	101	0.84	613	↘	0.83	573	0.78	2,157	↙	0.67	1,617	0.99	196	↙	0.98	196	0.91	752	↙	0.92	728
	0.84	532	↘	1.03	142	1.06	3,688		0.90	719	1.16	1,855		0.93	245	0.93	1,282		0.84	324	1.03	1,287	↘	1.04	565	0.60	295	↘	0.56	249	0.98	422	↘	1.41	140	0.90	529	↘	0.87	490	1.06	2,314	↙	1.08	1,853	1.06	167	↘	1.03	167	1.34	898		1.33	864
	1.08	635	↘	0.97	131	0.93	3,015	↘	0.96	621	0.85	1,236	↘	0.85	149	0.98	1,280		1.06	333	0.97	1,078	↘	0.99	432	0.69	233	↘	0.73	203	1.22	459		0.78	72	1.17	468		1.19	423	1.07	1,888	↙	1.11	1,392	0.98	106		0.99	106	1.04	453	↙	1.05	427
	1.02	102	↘	1.07	46	1.30	691		1.24	234	1.30	289		1.45	79	1.38	304		1.36	106	1.21	285	↘	1.11	170	1.97	291	↘	1.87	276	1.10	72		0.62	23	1.10	188	↘	1.15	186	1.22	667	↙	1.11	577	1.22	57		1.12	57	0.62	123		0.59	120
		1			1		–			–		–			–		–			–		1			1		1			1		–			6			6		9			9		–			–		6			6
	1.00	2,672	↘	1.00	704	1.00	14,637		1.00	3,278	1.00	6,533	↘	1.00	987	1.00	5,898		1.00	1,822	1.00	5,228	↘	1.00	2,354	1.00	1,937	↘	1.00	1,728	1.00	1,745	↘	1.00	444	1.00	2,279	↘	1.00	2,118	1.00	9,012	↙	1.00	6,982	1.00	617	↘	1.00	617	1.00	2,551	↙	1.00	2,446

TABLE C
SUMMARY STATISTICS BY HEALTH SERVICE DELIVERY AREA
BRITISH COLUMBIA 1997–2001

	Health Service Delivery Area	2001 Population	Live Birth Total	Live Birth Rate	Stillbirth Total	Stillbirth Rate[2]	Death Total	Death Rate	Infant Death Total	Infant Death Rate[1]	Low Birth Wt. Live Birth Total	Low Birth Wt. Live Birth Rate[1]	Cesarean Total	Cesarean Rate[1]	Pre-term Total	Pre-term Rate[1]	Teenage Mother Total	Teenage Mother Rate[1]	Elderly Gravida Total	Elderly Gravida Rate[1]	01 All Causes of Death SMR	01 Death	01 TR	01 PYLLI	01 D <75	02 All Cancer Sites SMR	02 Death	02 TR	02 PYLLI	02 D <75	SMR
11	East Kootenay	84,885	3,644	8.85	14	3.83	2,662	6.46	15	4.12	117	32.11	651	178.65	147	40.34	353	96.87	423	116.08	0.98	2,662	↘	0.90	1,141	1.00	766		0.96	440	1.00
12	Kootenay Boundary	82,736	3,363	8.15	29	8.55	3,449	8.36	16	4.76	163	48.47	664	197.44	206	61.25	174	51.74	522	155.22	1.06	3,449	↘	1.14	1,402	1.02	915		1.13	534	1.01
13	Okanagan	313,995	13,534	8.79	79	5.80	13,642	8.86	48	3.55	678	50.10	2,898	214.13	883	65.24	770	56.89	2,003	148.37	0.94	13,642	↘	0.95	4,916	0.96	3,808	↘	1.02	2,091	0.93
14	Thompson/Cariboo	227,180	10,388	9.30	73	6.98	7,506	6.72	45	4.33	552	53.14	2,707	260.59	706	67.96	793	76.34	1,276	122.83	1.11	7,506	↘	1.22	3,797	0.99	1,957	↘	0.99	1,207	1.00
21	Fraser Valley	244,265	15,092	12.57	103	6.78	8,933	7.44	59	3.91	715	47.38	3,240	214.68	875	57.98	977	64.74	1,765	116.95	1.04	8,933	↘	1.12	3,628	1.04	2,433		1.13	1,345	1.01
22	Simon Fraser	517,767	28,658	11.27	208	7.21	15,897	6.25	100	3.49	1,551	54.12	6,083	212.26	2,050	71.53	863	30.11	6,061	211.49	1.04	15,897	↘	0.90	6,443	1.05	4,352	↘	1.01	2,479	1.09
23	South Fraser	578,786	36,050	12.70	237	6.53	16,768	5.91	147	4.08	1,970	54.65	8,315	230.65	2,429	67.38	1,154	32.01	5,748	159.45	0.90	16,768	↘	0.94	7,052	0.94	4,792	↘	1.02	2,740	0.92
31	Richmond	186,809	8,001	9.80	55	6.83	3,975	4.87	37	4.62	402	50.24	1,962	245.22	499	62.37	122	15.25	2,022	252.72	0.86	3,975	↘	0.66	1,575	0.89	1,143	↘	0.79	885	0.88
32	Vancouver	585,129	28,626	10.04	224	7.76	19,824	6.95	119	4.16	1,552	54.22	6,506	227.28	2,020	70.57	562	19.63	7,500	262.00	1.04	19,824	↘	1.12	8,125	0.97	4,844	↘	0.96	2,585	0.98
33	North Shore/Coast Garibaldi	266,883	12,502	9.48	98	7.78	8,906	6.75	42	3.36	535	42.79	2,798	223.80	786	62.87	358	28.64	3,504	280.28	0.94	8,906	↘	0.82	3,351	0.97	2,589	↘	0.88	1,371	0.91
41	South Vancouver Island	398,722	17,142	8.67	88	5.11	18,260	9.23	64	3.73	809	47.19	4,175	243.55	1,137	66.33	830	48.42	3,269	190.70	0.98	18,260	↘	0.96	5,865	1.04	5,005	↘	1.05	2,391	1.01
42	Central Vancouver Island	246,750	10,358	8.54	66	6.33	9,918	8.18	46	4.44	485	46.82	2,263	218.48	731	70.57	806	77.81	1,571	151.67	1.04	9,918	↘	1.08	4,148	1.05	2,848	↘	1.08	1,626	1.01
43	North Vancouver Island	61,024	3,171	10.41	25	7.82	1,529	5.02	17	5.36	137	43.20	716	225.80	203	64.02	322	101.55	368	116.05	1.11	1,529	↘	1.17	870	1.10	441		1.12	298	1.33
51	Northwest	92,104	5,734	12.50	60	10.36	1,991	4.34	29	5.06	256	44.65	1,292	225.32	404	70.46	572	99.76	632	110.22	1.18	1,991	↘	1.20	1,208	0.98	494	↘	0.96	354	0.96
52	Northern Interior	162,305	9,121	11.33	73	7.94	3,732	4.64	43	4.71	440	48.24	2,092	229.36	549	60.19	742	81.35	843	92.42	1.18	3,732	↘	1.12	2,183	1.17	1,097		1.05	756	1.23
53	Northeast	66,594	4,479	13.54	33	7.32	1,382	4.12	15	3.35	181	40.41	907	202.50	220	49.12	401	89.53	463	103.37	1.08	1,382	↘	0.98	757	0.97	351		0.85	232	1.13
	N.S.	–	13		3		35		–		2		4		2		3		1			35			34		2			1	
	Provincial Total	**4,095,934**	**209,876**	**10.42**	**1,488**	**6.95**	**138,389**	**6.87**	**842**	**4.01**	**10,545**	**50.24**	**47,273**	**225.24**	**13,847**	**65.98**	**9,882**	**46.70**	**37,976**	**180.94**	**1.00**	**138,389**	↘	**1.00**	**58,486**	**1.00**	**37,788**	↘	**1.00**	**21,695**	**1.00**

TABLE E
SUMMARY STATISTICS BY HEALTH AUTHORITY
BRITISH COLUMBIA 1997–2001

	Health Authority	2001 Population	Live Birth Total	Live Birth Rate	Stillbirth Total	Stillbirth Rate[2]	Death Total	Death Rate	Infant Death Total	Infant Death Rate[1]	Low Birth Wt. Live Birth Total	Low Birth Wt. Live Birth Rate[1]	Cesarean Total	Cesarean Rate[1]	Pre-term Total	Pre-term Rate[1]	Teenage Mother Total	Teenage Mother Rate[1]	Elderly Gravida Total	Elderly Gravida Rate[1]	01 All Causes of Death SMR	01 Death	01 TR	01 PYLLI	01 D <75	02 All Cancer Sites SMR	02 Death	02 TR	02 PYLLI	02 D <75	SMR
01	Interior	708,796	30,929	8.88	195	6.27	27,259	7.83	124	4.01	1,510	48.82	6,920	223.74	1,942	62.79	2,090	67.57	4,229	136.73	1.00	27,259	↘	1.06	11,256	0.98	7,448	↘	1.01	4,182	0.99
02	Fraser	1,340,818	79,800	12.12	548	6.82	41,598	6.32	306	3.83	4,236	53.08	17,638	221.03	5,354	67.09	2,994	37.52	13,574	170.10	0.98	41,598	↘	0.96	17,123	1.00	11,577	↘	1.04	6,564	1.00
03	Vancouver Coastal	1,018,821	49,129	9.85	377	7.62	32,705	6.56	198	4.03	2,489	50.66	11,266	229.31	3,305	67.27	1,042	21.21	13,026	265.14	0.99	32,705	↘	0.96	13,051	0.96	8,498	↘	0.91	4,631	0.96
04	Vancouver Island	706,496	30,671	8.78	179	5.80	29,707	8.50	127	4.14	1,431	46.66	7,154	233.25	2,071	67.52	1,958	63.84	5,208	169.80	1.01	29,707	↘	1.02	10,883	1.04	8,294	↘	1.06	4,315	1.02
05	Northern	321,003	19,334	12.13	166	8.51	7,085	4.44	87	4.50	877	45.36	4,291	221.94	1,173	60.67	1,715	88.70	1,938	100.24	1.16	7,085	↘	1.11	4,148	1.08	1,942	↘	0.98	1,342	1.13
	N.S.	–	13		3		35		–		2		4		2		3		1			35			34		2			1	
	Provincial Total	**4,095,934**	**209,876**	**10.42**	**1,488**	**6.95**	**138,389**	**6.87**	**842**	**4.01**	**10,545**	**50.24**	**47,273**	**225.24**	**13,847**	**65.98**	**9,882**	**46.70**	**37,976**	**180.94**	**1.00**	**138,389**	↘	**1.00**	**58,486**	**1.00**	**37,788**	↘	**1.00**	**21,695**	**1.00**

Note: Total is the number of events in the specified category for the 1997 to 2001 period.
Infant Death – deaths of children under one year of age.
Low Birth Weight live births – live births with birth weight <2,500 grams.
Cesarean – live births delivered by cesarean section.
Pre-term – live births with gestational age <37 weeks.
Teenage Mother – live births to mothers under 20 years of age.
Elderly Gravida – live births to mothers 35 years of age or older.
Death is the total number of deaths from the specified cause for the 1997 to 2001 period.
D<75 is the number of deaths under 75 years of age from the specified cause.
SMR – Standardized Mortality Ratio.
PYLLI – Potential Years of Life Lost Index.
Rate – per 1,000 population in the specified area.
Rate[1] – rate per 1,000 live births in the specified area.
Rate[2] – per 1,000 total births in the specified area.
SMR, PYLLI, and Rate are based on the five year period from 1997 to 2001.
☐ Statistical testing indicates that observed deaths are statistically different from the expected deaths (p<0.05 two tailed).
⋯ denotes statistical significance based on less than five cases.
TR – Trend in ASMR based on three year moving average from 1986 to 2001; See Glossary under Trend Analysis of ASMR for a full explanation.
↗ indicates a statistically significantly positive (increasing) trend and
↘ indicates a statistically significantly negative (decreasing) trend (in areas with an average of less than 1 death per year in the 16 year period 1986 to 2001 trends are not shown).
TR* – Trend reflects change in *Medical Certification of Death* form introduced in 1993. Please see Highlights to Table 39 for details.
Five live births with gender unknown are excluded from birth data in Tables A, C and E.
Three deaths with gender unknown are excluded from mortality data in Tables B, D and F.
HSDA 32 Vancouver may include unspecified Vancouver addresses.
N.S. – Not stated.
Non-residents are excluded.

TABLE D

MORTALITY IN BRITISH COLUMBIA BY HEALTH SERVICE DELIVERY AREA

BRITISH COLUMBIA 1997–2001

03 Lung Cancer				04 End/Nut/Met. Diseases etc.					05 Diabetes					06 Circulatory System					07 Ischemic Heart Disease					08 Cerebro. Disease/Stroke					09 Arteries/Arterioles/Capillaries					10 Respiratory System					11 Pneumonia and Influenza					12 Chronic Lung Disease					13 Digestive System					14 Motor Vehicl		
Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR
219	↑	0.99	140	1.35	111		0.85	43	1.24	76		1.02	30	0.98	926	↓	0.86	268	0.94	445	↓	0.90	156	0.86	182	↓	0.87	44	1.03	52	↓	0.39	9	0.99	276	↓	1.22	81	0.84	101		1.53	23	1.21	138		1.47	48	0.95	97		0.91	49	1.45	55	↓
238		1.14	160	1.25	125	↑	1.85	52	1.34	101	↑	1.49	38	1.09	1,285	↓	1.03	353	1.20	704	↓	1.01	200	0.89	239	↓	1.22	62	1.43	91	↓	1.96	33	0.95	333		1.10	68	0.92	143		2.18	27	0.99	141		0.71	27	1.04	128		1.23	61	2.12	85	
971		1.01	575	0.90	411		1.09	152	0.90	313		0.96	117	0.94	5,051	↓	0.92	1,221	0.91	2,403	↓	0.89	658	0.90	1,098	↓	0.91	206	1.15	339	↓	1.34	83	0.94	1,510		1.00	306	0.95	675		1.09	85	0.94	624		1.03	162	0.95	513		1.02	209	1.22	185	↓
575	↓	1.11	390	1.11	233	↑	1.14	100	1.16	186	↑	1.22	82	1.12	2,585	↓	1.25	986	1.07	1,247	↓	1.27	567	1.00	510	↓	1.24	153	1.14	142	↓	1.35	51	1.16	778		1.59	268	0.96	273		1.46	75	1.37	381	↑	1.49	137	1.20	310	↓	1.47	190	2.30	245	↓
620		1.24	400	1.19	316	↑	1.31	141	1.26	255	↑	1.56	118	1.06	3,281	↓	1.12	875	1.16	1,762	↓	1.14	505	0.95	668	↓	1.00	137	0.95	160	↓	1.17	52	1.00	924	↑	1.20	199	1.05	428		1.38	57	0.97	365		1.06	93	1.07	341	↓	1.02	139	1.40	160	↓
1,177		1.02	728	1.10	516	↑	1.05	199	1.12	398	↑	1.12	152	1.09	5,841	↓	0.98	1,536	1.10	2,887	↓	0.99	854	1.14	1,405	↓	0.99	284	0.97	275	↓	0.96	73	1.12	1,762		0.99	415	1.17	830		0.90	120	1.12	692		1.14	212	0.99	578	↓	0.88	248	0.66	158	↓
1,225	↓	1.01	764	0.89	513		1.05	224	0.92	402		0.96	169	0.93	6,140	↓	0.98	1,720	1.01	3,305	↓	1.03	1,005	0.92	1,388	↓	0.99	310	0.96	343	↓	0.97	83	0.85	1,660		0.84	367	0.81	703		0.84	107	0.87	689	↓	0.88	180	0.87	610	↓	0.88	290	0.86	229	↓
327		0.81	195	0.94	128	↑	0.81	49	0.95	98		0.81	40	0.91	1,438	↓	0.73	400	0.95	743	↓	0.80	229	0.97	350	↓	0.71	72	0.77	64	↓	1.33	26	0.97	443		0.65	71	1.02	205	↑	0.74	22	0.89	163		0.41	26	0.77	135	↓	0.56	51	0.49	38	↓
1,241	↓	0.92	716	1.08	635	↑	1.05	230	1.04	460	↑	1.03	170	0.97	6,688	↓	1.03	1,736	0.97	3,239	↓	0.89	903	1.03	1,647	↓	1.11	337	0.81	284	↓	1.02	74	1.10	2,251		1.09	457	1.21	1,138		1.15	157	0.98	774		1.02	201	1.16	833	↓	1.32	384	0.60	171	↓
620		0.82	368	0.85	249		0.95	95	0.81	179		0.77	64	0.95	3,214	↓	0.81	780	0.92	1,529	↓	0.79	424	1.08	834	↓	0.83	152	0.96	174	↓	1.11	42	1.00	994	↓	0.75	191	1.15	512	↓	0.85	66	0.87	345	↓	0.79	97	0.89	319	↓	0.84	130	0.69	86	↓
1,249		1.01	670	0.87	501		1.16	189	0.81	356		1.05	132	0.94	6,586	↓	0.93	1,354	0.88	2,995	↓	0.91	749	0.97	1,582	↓	0.96	254	1.03	387	↓	0.99	68	0.92	1,943	↓	0.92	332	0.87	835	↓	0.89	82	0.94	786		0.99	176	0.95	658	↓	0.99	232	0.53	103	↓
732	↓	1.04	464	0.95	285	↑	0.86	100	0.97	224	↑	0.84	75	1.07	3,654	↓	1.16	1,083	1.08	1,843	↓	1.19	609	1.06	819	↓	1.25	204	1.15	217	↓	1.05	54	0.94	953		1.08	249	0.83	360	↓	0.83	60	1.03	435		1.16	134	0.99	357		1.02	161	0.89	104	↓
142	↑	1.28	104	0.95	38		0.97	20	1.11	34	↑	1.34	19	1.12	494	↓	1.28	212	1.03	230	↓	1.35	120	1.12	107		1.31	42	1.40	31	↓	1.49	9	0.96	119		1.00	40	0.81	41		1.12	7	1.16	59		1.50	23	1.21	63	↑	1.15	39	0.99	26	↓
126		1.04	100	1.30	60		1.79	33	1.35	47	↑	1.67	24	1.23	628	↓	1.30	276	1.06	279	↓	1.43	146	1.19	129		1.09	44	0.86	23	↓	0.63	9	1.40	199		1.64	71	1.55	91		1.88	26	1.20	71	↑	1.68	23	1.32	85		1.00	51	1.81	74	↓
311	↓	1.02	224	1.30	119	↓	0.75	54	1.39	96		1.03	46	1.13	1,099	↓	1.07	492	0.96	479	↓	1.05	251	1.27	264		1.14	98	1.00	52	↓	1.17	25	1.30	356		1.18	120	1.24	141		1.27	35	1.52	174		1.49	64	1.30	158	↓	1.33	99	2.04	153	↓
108		1.07	75	1.49	54	↑	1.98	39	1.58	43	↑	2.44	32	1.14	450	↓	1.16	185	1.29	259	↓	1.60	126	0.81	70	↓	0.85	19	1.34	27		2.32	12	1.22	136		1.47	43	1.21	57		3.01	18	1.28	59		0.93	19	0.90	42	↓	0.87	20	2.20	64	↓
1			1	–			–	–	–			–	–	2			2	2	1			1	–			–	–	1			1	1	–			–	–				–	–				1			1	1		
9,882	↓	1.00	6,074	1.00	4,294	↑	1.00	1,729	1.00	3,268	↑	1.00	1,388	1.00	49,362	↓	1.00	13,479	1.00	24,358	↓	1.00	7,505	1.00	11,292	↓	1.00	2,418	1.00	2,672	↓	1.00	784	1.00	14,837		1.00	3,278	1.00	6,533	↓	1.00	967	1.00	5,896		1.00	1,622	1.00	5,228	↓	1.00	2,354	1.00	1,937	↓

TABLE F

MORTALITY IN BRITISH COLUMBIA BY HEALTH AUTHORITY

BRITISH COLUMBIA 1997–2001

03 Lung Cancer				04 End/Nut/Met. Diseases etc.					05 Diabetes					06 Circulatory System					07 Ischemic Heart Disease					08 Cerebro. Disease/Stroke					09 Arteries/Arterioles/Capillaries					10 Respiratory System					11 Pneumonia and Influenza					12 Chronic Lung Disease					13 Digestive System					14 Motor Vehicl		
Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR
2,003		1.05	1,265	1.03	880	↑	1.07	347	1.03	676	↑	1.00	267	1.01	9,847	↓	1.02	2,828	0.98	4,799	↓	1.02	1,581	0.91	2,029	↓	1.03	465	1.16	624	↓	1.21	176	0.99	2,897		1.18	723	0.93	1,192		1.28	210	1.07	1,284		1.13	374	1.02	1,048	↓	1.14	509	1.69	570	↓
3,022	↓	1.05	1,892	1.02	1,345	↑	1.05	564	1.06	1,055	↑	1.11	439	1.02	15,262	↓	1.00	4,131	1.07	7,954	↓	1.03	2,364	1.01	3,461	↓	0.98	731	0.96	778	↓	0.95	208	0.98	4,346		0.95	981	0.99	1,961		0.92	284	0.98	1,746		0.98	485	0.95	1,529	↓	0.89	677	0.88	547	↓
2,188	↓	0.87	1,279	0.99	1,012	↑	0.93	374	0.96	737	↑	0.89	274	0.96	11,340	↓	0.92	2,916	0.95	5,511	↓	0.84	1,556	1.04	2,831	↓	0.95	561	0.84	532	↓	1.03	142	1.06	3,688		0.90	719	1.16	1,855		0.93	245	0.93	1,282		0.84	324	1.03	1,287	↓	1.04	565	0.60	295	↓
2,123		1.03	1,238	0.89	824	↑	0.98	309	0.87	614	↑	0.97	226	0.99	10,734	↓	1.03	2,649	0.95	5,068	↓	1.05	1,478	1.00	2,508	↓	1.09	500	1.08	635	↓	0.97	131	0.93	3,015	↓	0.96	621	0.85	1,236	↓	0.85	149	0.98	1,280		1.06	333	0.97	1,078	↓	0.99	432	0.69	233	↓
545		1.02	399	1.29	233	↑	1.04	126	1.36	186	↑	1.22	102	1.16	2,177	↓	1.14	953	1.06	1,017	↓	1.25	525	1.15	463	↓	1.00	161	1.02	102	↓	1.07	46	1.30	691		1.24	234	1.30	289		1.45	79	1.38	304		1.36	106	1.21	285	↓	1.11	170	1.97	291	↓
1			1	–			–	–	–			–	–	2			2	1				1	–			–	–	1			1	1	–			–	–				–	–				1			1	1		
9,882	↓	1.00	6,074	1.00	4,294	↑	1.00	1,729	1.00	3,268	↑	1.00	1,388	1.00	49,362	↓	1.00	13,479	1.00	24,358	↓	1.00	7,505	1.00	11,292	↓	1.00	2,418	1.00	2,672	↓	1.00	784	1.00	14,837		1.00	3,278	1.00	6,533	↓	1.00	967	1.00	5,896		1.00	1,622	1.00	5,228	↓	1.00	2,354	1.00	1,937	↓

Accidents		15 Accidental Falls					16 Suicide					17 Alcohol-related Deaths					18 Medically Treatable Disease					19 Drug-induced Deaths				
PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR*	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
1.52	50	0.79	24	▲▼	2.01	7	1.20	52		1.19	52	1.01	191	▼	1.02	157	0.54	7		0.59	7	0.44	22		0.38	21
2.29	77	1.33	53		1.75	8	1.39	84		1.27	60	1.27	284	▼	1.51	206	1.06	14		1.12	14	0.80	41	▼	0.67	37
1.21	155	1.09	197		1.16	45	1.14	199		1.24	179	1.02	861	▼	1.31	712	0.69	32	▲▼	0.82	35	0.70	128	▼	0.77	129
2.28	225	1.62	127		1.92	48	1.29	160		1.35	147	1.33	661	▼	1.33	459	1.09	38		1.19	35	0.94	128	▼	0.90	114
1.43	146	0.89	93		1.30	28	1.02	132		1.00	124	0.75	404	▼	0.75	307	1.24	42	▼	1.25	42	1.10	157	▼	1.11	155
0.64	140	0.81	155	▲▼	0.84	44	0.81	234	▲▼	0.77	219	0.87	912	▼	0.66	676	0.94	74		0.88	74	0.86	289	▼	0.84	276
0.87	206	0.62	143	▲▼	0.53	29	0.80	247		0.84	230	0.70	841	▼	0.65	634	0.95	80	▼	0.96	80	0.88	306	▼	0.92	297
0.42	33	0.90	47		0.62	9	0.60	56	▲▼	0.51	53	0.46	153	▼	0.35	114	0.52	14		0.42	14	0.43	45		0.37	40
0.49	137	1.06	269	▲▼	1.70	97	1.01	345	▲▼	0.97	322	1.29	1,593	▼	1.39	1,317	1.25	111	▲▼	1.22	111	1.84	730		1.81	710
0.76	79	0.90	106		1.52	34	0.85	128	▲▼	0.85	115	0.92	568	▼	0.86	422	0.99	42		1.02	42	0.73	123	▼	0.72	114
0.57	84	1.23	304		0.94	45	1.15	261		1.13	227	1.02	1,048	▼	0.98	721	0.84	51	▲▼	0.87	51	1.06	266	▼	1.06	247
0.95	94	1.23	140		0.71	22	1.21	165		1.25	156	1.03	637	▼	1.16	497	1.19	45		1.15	45	0.99	146	▼	1.04	140
0.95	25	1.14	15		0.81	5	1.26	42	▲▼	1.35	40	1.74	203	▼	1.78	174	1.05	10		1.16	10	1.05	41	▼	1.03	40
1.82	71	1.35	23		1.07	9	1.38	66	▲▼	1.41	66	1.77	274	▼	1.70	241	1.05	14		0.87	14	0.66	38		0.59	37
1.87	141	1.22	37	▲▼	0.60	10	1.10	95	▲▼	1.14	93	0.98	277	▼	0.82	232	1.46	35		1.36	35	0.67	67		0.64	65
2.02	64	1.01	12		1.52	4	0.83	27	▲▼	0.85	27	1.06	116	▼	1.01	104	0.86	8		0.88	8	0.44	18		0.44	18
	1		–			–		6			6		9			9		–			–		6		–	6
1.00	1,728	1.00	1,745	▲▼	1.00	444	1.00	2,279	▲▼	1.00	2,116	1.00	9,012	▼	1.00	6,982	1.00	617	▲▼	1.00	617	1.00	2,551	▼	1.00	2,446

Accidents		15 Accidental Falls					16 Suicide					17 Alcohol-related Deaths					18 Medically Treatable Disease					19 Drug-induced Deaths				
PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR*	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75	SMR	Death	TR	PYLLI	D <75
1.72	507	1.20	401		1.43	108	1.21	475	▲▼	1.26	438	1.14	1,977	▼	1.31	1,534	0.85	91	▲▼	0.95	91	0.76	319	▼	0.75	301
0.88	492	0.73	391	▲▼	0.73	101	0.84	613	▲▼	0.83	573	0.78	2,157	▼	0.67	1,617	0.99	196	▼	0.98	196	0.91	752	▼	0.92	728
0.56	249	0.98	422	▲▼	1.41	140	0.90	529	▲▼	0.87	490	1.06	2,314	▼	1.08	1,853	1.06	187	▲▼	1.03	187	1.34	898		1.33	864
0.73	203	1.22	459		0.78	72	1.17	468		1.19	423	1.07	1,888	▼	1.11	1,392	0.98	106		0.99	106	1.04	453	▼	1.05	427
1.87	276	1.10	72		0.62	23	1.10	188	▲▼	1.15	186	1.22	667	▼	1.11	577	1.22	57		1.12	57	0.62	123		0.59	120
	1		–			–		6			6		9			9		–			–		6		–	6
1.00	1,728	1.00	1,745	▲▼	1.00	444	1.00	2,279	▲▼	1.00	2,116	1.00	9,012	▼	1.00	6,982	1.00	617	▲▼	1.00	617	1.00	2,551	▼	1.00	2,446

Appendix 4

HEALTH STATUS INDICATOR
ELECTRONIC DATA ORDER FORM

Preamble to Appendix 4

The Health Status Indicator Electronic Data Order Form, can be used to order copies of the data used to produce this report. A number of files are available for single years 1997 through 2001, and aggregated for years 1997–2001. The file format descriptions provided indicate the field columns, length, and information stored in that field. In each file, data for the diagnostic group requested is aggregated by these fields.

In death data, the "all causes of death" file includes data for each major diagnostic and all sub-diagnostic codes. The files by major diagnosis include data for the relevant sub-diagnoses. Readers wanting to order data are advised to contact the Information and Resource Management Branch of the British Columbia Vital Statistics Agency at the telephone or fax numbers shown on the order form.

BIRTH DATA, SINGLE YEAR – RECORD LAYOUT

COLUMNS	LENGTH	INFORMATION
1	1	"B" – for Birth
2–5	4	Birth year (19xx, where xx = 97,...,01)
6	3	Geographical area (where 1 = LHA, 2 = HSDA, or 3 = HA)
7–10	2	Geographical area number
11	1	Gender (1 = Male, 2 = Female, 9 = Unknown)
12	1	Place of birth (1 = Hospital, 2 = Non-hospital, 9 = Unknown)
13–14	2	Mother's Age Group (01 = less than 15 years, 02 = 15–17 years, 03 = 18–19 years, 04 = 20–24 years,..., 09 = 45+ years)
15	1	Birth Weight Group (1 = less than 1500 gms, 2 = 1500–2499 gms, 3 = 2500–4499 gms, 4 = 4500+ gms, 9 = unknown)
16	1	Gestational Age Group (1 = less than 28 wks, 2 = 28–36 wks, 3 = 37–41 wks, 4 = 42+ wks, 9 = unknown)
17	1	Cesarean delivery (1 = yes, 2 = no)
18	1	Birth type (1 = live, 2 = stillbirth)
19	1	Kind of birth (1 = single, 2 = multiple, 9 = unknown)
20	1	Birth order (1, 2, 3,..., 6+, 9 = unknown)
21–25	5	Number of births

DEATH DATA, SINGLE YEAR – RECORD LAYOUT

COLUMNS	LENGTH	INFORMATION
1	1	"D" – for Death
2–5	4	Death year (19xx, where xx = 97,...,01)
6	3	Geographical area (where 1 = LHA, 2 = HSDA, or 3 = HA)
7–10	2	Geographical area number
11	1	Gender (1 = Male, 2 = Female, 9 = Unknown)
12–13	2	Age Group (01 = less than 1 year, 02 = 1–4 years, ..., 19 = 85+ years, 99 = Unknown)
14–16	3	Underlying cause of death
17–18	2	Major diagnosis category (01, 02, ..., 10)
19–20	2	Sub-diagnosis category (01, 02, ..., 19)
21–22	2	Alcohol related death (01 = yes, 00 = no)
23–24	2	Medically treatable death (01 = yes, 00 = no)
25–30	6	Number of deaths

Note: Mid-year population estimates will be provided on a separate file by 5-year age group and gender for each LHA or HSDA. All data will be provided as a flat ASCII file.

BRITISH COLUMBIA VITAL STATISTICS AGENCY
2001 ANNUAL REPORT

SUMMARY STATISTICS
HEALTH STATUS INDICATOR ELECTRONIC DATA ORDER FORM

Name: _____

Organization: _____

Address: _____

_____

City: _____

Province/State: _____

Postal/Zip Code: _____

Telephone Number: ( ) _____

FAX Number: ( ) _____

e-mail: _____

Send your order and remittance to:

BRITISH COLUMBIA VITAL STATISTICS AGENCY
INFORMATION and RESOURCE MANAGEMENT BRANCH
MINISTRY OF HEALTH PLANNING
PO BOX 9657 STN PROV GOVT
VICTORIA BC V8W 9P3
Phone: (250) 952-2558
1-800-663-8328 (toll-free within B.C. only)
FAX: (250) 952-2594

Please make cheque, money order or journal voucher payable to the "Minister of Finance."

The following data are available from 1997 to 2001 by single year (SYS). Within each file, data is aggregated by the data fields shown in the record layout.

BIRTH DATA

DIAGNOSTIC TITLE	GEOG AREA *(circle one)*	UNIT PRICE PER YEAR	YEARS REQUIRED *(circle year(s) required)*	TOTAL PRICE
Live Births	LHA/HSDA	$50	97 98 99 00 01	$ _____
Stillbirths	LHA/HSDA	$50	97 98 99 00 01	$ _____
Low Birth Weight/Live Birth	LHA/HSDA	$50	97 98 99 00 01	$ _____
Cesarean	LHA/HSDA	$50	97 98 99 00 01	$ _____
Pre-term	LHA/HSDA	$50	97 98 99 00 01	$ _____
Teenage Mother	LHA/HSDA	$50	97 98 99 00 01	$ _____
Elderly Gravida	LHA/HSDA	$50	97 98 99 00 01	$ _____
TOTAL				$ _____

DEATH DATA

DIAGNOSTIC TITLE	GEOG AREA (circle one)	UNIT PRICE PER YEAR	YEARS REQUIRED (circle year(s) required)					TOTAL PRICE
All causes of death	LHA/HSDA	$500	97	98	99	00	01	$_____
MAJOR DIAGNOSES (ICD-10 CODES)								
Infectious/parasitic diseases (A00–B99)	LHA/HSDA	$50	97	98	99	00	01	$_____
Cancer (malignant neoplasms) (C00–C97)	LHA/HSDA	$50	97	98	99	00	01	$_____
Endocrine/nutritional/metabolic diseases (E00–E90)	LHA/HSDA	$50	97	98	99	00	01	$_____
Circulatory system diseases (I00–I99)	LHA/HSDA	$50	97	98	99	00	01	$_____
Respiratory system diseases (J00–J99)	LHA/HSDA	$50	97	98	99	00	01	$_____
Digestive system diseases (K00–K93)	LHA/HSDA	$50	97	98	99	00	01	$_____
Congenital anomalies (Q00–Q99)	LHA/HSDA	$50	97	98	99	00	01	$_____
External causes (V01–Y98)	LHA/HSDA	$50	97	98	99	00	01	$_____
SUB-DIAGNOSES (ICD-10 CODES)								
HIV disease (B20–B24)	LHA/HSDA	$50	97	98	99	00	01	$_____
Colorectal cancer (C18–C21)	LHA/HSDA	$50	97	98	99	00	01	$_____
Lung cancer (C33–C34)	LHA/HSDA	$50	97	98	99	00	01	$_____
Female breast cancer (C50.0–C50.9)	LHA/HSDA	$50	97	98	99	00	01	$_____
Diabetes (E10–E14)	LHA/HSDA	$50	97	98	99	00	01	$_____
Cardiovascular disease (I01–I51)	LHA/HSDA	$50	97	98	99	00	01	$_____
Ischemic heart disease (I20–I25)	LHA/HSDA	$50	97	98	99	00	01	$_____
Cerebrovascular disease (I60–I69)	LHA/HSDA	$50	97	98	99	00	01	$_____
Pneumonia/influenza (J10–J18.1, J18.8–J18.9)	LHA/HSDA	$50	97	98	99	00	01	$_____
Chronic lung disease (J41–J44)	LHA/HSDA	$50	97	98	99	00	01	$_____
Chronic liver disease/cirrhosis (K70, K73–K74, K76.0–K76.1)	LHA/HSDA	$50	97	98	99	00	01	$_____
Motor vehicle accidents (V02–V04,..., Y85.0)*	LHA/HSDA	$50	97	98	99	00	01	$_____
Accidental falls (W00–W19)	LHA/HSDA	$50	97	98	99	00	01	$_____
Accidental poisoning (X40–X49)	LHA/HSDA	$50	97	98	99	00	01	$_____
Suicide (X60–X84, Y87.0)	LHA/HSDA	$50	97	98	99	00	01	$_____
Alcohol-related deaths	LHA/HSDA	$50	97	98	99	00	01	$_____
Drug-induced deaths	LHA/HSDA	$50	97	98	99	00	01	$_____
TOTAL								$_____

Notes: *Refer to Table 30 for ICD-10 codes for motor vehicle accidents.
Refer to previous annual reports for ICD-9 codes (used for 1997–1999 death data).